



# American Board of Wound Management (ABWM)

Certified Wound Care Associate®

Certified Wound Specialist®

Certified Wound Specialist Physician®

Job Task Analysis Technical Report

October 18, 2021 – March 1, 2022

Prepared by:  
Pearson VUE  
May 2022

## Non-Disclosure and Confidentiality Notice

This document contains confidential information concerning Pearson's services, products, data security procedures, data storage parameters, and data retrieval processes. You are permitted to view and retain this document provided that you disclose no part of the information contained herein to any outside agent or employee, except those agents and employees directly charged with reviewing this information. These agents and employees should be instructed and agree not to disclose this information for any purposes beyond the terms stipulated in the agreement of your company or agency with Pearson.

Copyright © 2022 NCS Pearson, Inc. All rights reserved. The PEARSON logo is a trademark in the U.S. and/or other countries.

# Contents

Scope of Work .....	6
Executive Summary .....	6
Background .....	6
Expert Panel Meeting.....	8
Piloting the Survey .....	12
Survey of Incumbents.....	12
Final Exam Specifications.....	13
Judging criteria for knowledge topics and tasks .....	14
Summary .....	18
References.....	19
Appendix A. Meeting Participants.....	20
Appendix B. Expert Panel Meeting Agenda .....	22
Appendix C. Exam Specification Meeting Agenda.....	24
Appendix D. Final Topic and Task Lists on Survey .....	26
Appendix E. Final Demographic Questions .....	32
Appendix F. Final Rating Scales .....	35
Appendix G. Final Survey .....	36
Appendix H. Email Distributed to All ABWM Stakeholders .....	37
Appendix I. Demographic Results.....	38
Appendix J. CWCA Survey Ratings.....	79
Appendix K. CWS Survey Ratings .....	124
Appendix L. CWSP Survey Ratings .....	170
Appendix M: Open-Ended Responses .....	231
Appendix N. Final Test Content Outline for CWCA .....	239
Appendix O. Final Test Content Outline for CWS .....	243
Appendix P. Final Test Content Outline for CWSP .....	247
Appendix Q. Evaluation Results.....	251

# Table of Tables

Table 1. Knowledge Topic Rating Scale Reliabilities for CWCA, CWS, and CWSP .....	14
Table 2. Knowledge Topic Domain Weights for CWCA.....	16
Table 3. Knowledge Topic Domain Weights for CWS .....	16
Table 4. Knowledge Topic Domain Weights for CWSP .....	16
Table 5. Cognitive Level Distributions for Topic Lists .....	17
Table A.1. Expert Panel Meeting Participants.....	20
Table A.2. Test Specification Meeting Participants.....	21
Table D.1. Topic List for CWCA, CWS, CWSP .....	26
Table D.2. Task List for CWCA .....	27
Table D.3. Task List for CWS .....	29
Table D.4. Task List for CWSP.....	30
Table J.1. CWCA Knowledge Topic Ratings by Importance.....	79
Table J.2. CWCA Importance of Knowledge Topic Ratings by Designation.....	82
Table J.3. CWCA Importance of Knowledge Topic Ratings by Experience .....	89
Table J.4. CWCA Importance of Knowledge Topic Ratings by Workday Percentage .....	92
Table J.5. CWCA Importance of Knowledge Topic Ratings by Primary Placement.....	95
Table J.6. CWCA Task Statement Ratings by Importance.....	102
Table J.7. CWCA Importance of Tasks by Designation.....	104
Table J.8. CWCA Importance of Tasks by Experience .....	111
Table J.9. CWCA Importance of Tasks by Workday Percentage .....	114
Table J.10. CWCA Importance of Tasks by Primary Placement.....	117
Table K.1. CWS Knowledge Topic Ratings by Importance .....	124
Table K.2. CWS Importance of Knowledge Topic Ratings by Designation .....	127
Table K.3. CWS Importance of Knowledge Topic Ratings by Experience.....	134
Table K.4. CWS Importance of Knowledge Topic Ratings by Workday Percentage.....	137
Table K.5. CWS Importance of Knowledge Topic Ratings by Primary Placement .....	141
Table K.6. CWS Task Statement Ratings by Importance .....	147
Table K.7. CWS Importance of Tasks by Designation .....	150
Table K.8. CWS Importance of Tasks by Experience.....	157

Table K.9. CWS Importance of Tasks by Workday Percentage .....	160
Table K.10. CWS Importance of Tasks by Workday Primary Placement .....	167
Table L.1. CWSP Knowledge Topic Ratings by Importance .....	170
Table L.2. CWSP Importance of Knowledge Topic Ratings by Designation .....	173
Table L.3. CWSP Importance of Knowledge Topic Ratings by Experience.....	180
Table L.4. CWSP Importance of Knowledge Topic Ratings by Workday Percentage....	186
Table L.5. CWSP Importance of Knowledge Topic Ratings by Primary Placement .....	193
Table L.6. CWSP Task Statement Ratings by Importance .....	202
Table L.7. CWSP Importance of Tasks by Designation .....	204
Table L.8. CWSP Importance of Tasks by Experience.....	210
Table L.9. CWSP Importance of Task by Workday Percentage.....	216
Table L.10. CWSP Importance of Tasks by Primary Placement.....	222
Table M.1. CWCA Open-Ended Responses.....	231
Table M.2. CWS Open-Ended Responses.....	232
Table M.3. CWSP Open-Ended Responses .....	236
Table P.1. Expert Panel Meeting Evaluation .....	251
Table P.2. Exam Specification Meeting Evaluation.....	252

# Scope of Work

This report documents the background, processes, and results of a comprehensive job task analysis (JTA) study conducted by Pearson VUE for the Certified Wound Care Associate (CWCA), Certified Wound Specialist (CWS), and Certified Wound Specialist Physician (CWSP) examinations offered by the American Board of Wound Management (ABWM). The purpose of the study is to update and validate the examination specifications for the CWCA, CWS, and CWSP credentials. This project took place on October 18, 2021 through March, 1, 2022.

## Executive Summary

The 2021/2022 Job Task Analysis was based on a combination of expert panel meetings and a survey of wound care professionals. A description of the work in a field or profession is typically developed in job analyses through a logical analysis of the literature or through a panel of subject matter experts (SMEs). Delineating the important tasks and/or knowledge required for competent practice is a lengthy and complex process.

In this study, an expert panel was used to delineate the content for a survey of incumbents in the field. Five major knowledge topic domains for CWCA, CWS, and CWSP and 50 tasks for CWCA, 46 tasks for CWS, and 43 tasks for CWSP were included in the study. Two meetings were held as part of the JTA process. From October 18 to October 19, 2021, a virtual survey development meeting was held. A pilot survey was then administered to 16 SMEs and comments were returned. The actual survey was live from December 6, 2021 to January 14, 2022. It was sent to 14,292 wound care professionals and 1,561 people attempted the survey. On March 1, 2022, a virtual exam specification meeting was held. The detailed content outline (DCO) was finalized during this meeting and the weightings were specified for each of the major domains and tasks.

## Background

The American Board of Wound Management (ABWM) is a voluntary, not-for-profit organization established for the purpose of credentialing multi-disciplinary professionals in the field of wound management. ABWM's certifications demonstrate distinct and specialized knowledge in wound management, thereby promoting quality of care for persons with wounds. As a healthcare professional, the CWCA, CWS, and CWSP

credentials allow recipients to enhance wound care for patients and enhance collaboration with disciplines and organizations involved in wound care.

Job task analyses (often referred to as role delineation studies, practice analyses, audits of practice, task analyses or job analyses) are used to validate certification examinations and provide a basis for defending the appropriateness of the examination's content. By assessing what wound care professionals do in their practice, this JTA ensures that the content specifications for the ABWM exams are current and relevant. Content validity in a certification examination provides evidence that the roles addressed in the test reflect the practices that are necessary for successful performance. The *Standards for Educational and Psychological Testing* (2014) prepared jointly by the American Educational Research Association, the American Psychological Association, and the National Council on Measurement in Education (AERA, APA, NCME), states that "evidence of validity based on the test content requires a thorough and explicit definition of the content domain of interest (AERA, APA, & NCME, 2014). For selection, classification and promotion, the characterization of the domain should be based on job analysis." Other important standards in certification and licensure testing, such as the standards delineated for accreditation by the Institute for Credentialing Excellence (ICE) (ICE, 2009) and the ISO/IEC 17024 International Standard administered by the American National Standards Institute (ANSI), similarly cite job analyses as a necessary foundation of testing programs. The Guidance on Psychometric Requirements for ANSI Accreditation states:

*A crucial component in the assessment validation process is a study to investigate the job relevance of the certification assessment and components. Such validation methods are often referred to as job analyses, task analyses, practice analyses, role delineation studies or expert panel studies. Labels aside, the validation investigation should identify the core knowledge, critical work functions, job tasks and subtasks and relevant knowledge, skills, and abilities (KSAs) that are common across a representative sampling of current practitioners or job incumbents, regardless of their educational/experiential background or the type of setting in which they work. (American National Standards Institute, 2009, p.1)*

In line with the standards cited above, the job analysis study described in this report was undertaken to provide the foundation for updating the exam specifications for the ABWM exams. Exam specifications created using this process encourage the development of test items that reflect up-to-date practice in the field. The job analysis study reported herein was undertaken to provide the foundation for the test development of the wound care role.

The job analysis methodology that was used to study the wound care professional's role consisted of three main steps. Initially, an expert panel recruited by ABWM was asked to

delineate the major responsibilities of the wound care professional role and the topics associated with each of those major responsibilities. This expert panel also created knowledge topic and task lists for each exam and helped to craft demographic items for inclusion on a survey of incumbents in the field. Next, incumbents in the field were surveyed about the importance of the delineated responsibilities, knowledge topics, and tasks, and their own demographic information. Finally, the expert panel reconvened to review the survey findings and develop the new exam specifications. The participants for each of the meetings are shown in Appendix A.

The final outcome of this process is new exam specifications for the ABWM exams that reflects current and relevant practice in the field of wound care professionals.

## Expert Panel Meeting

An expert panel meeting was held virtually from October 18 to October 19, 2022. An exam specification meeting to finalize the DCO was held virtually on March 1, 2022. The agendas for these meetings can be found in Appendix B and Appendix C, respectively. The meeting was facilitated by Dr. James Ingrisone, Pearson VUE Manager of Psychometric & Research Services, Dr. Seohong Pak, Psychometrician, and Dr. Yooyoung Park, Psychometrician. ABWM representatives attending the meeting were Chris Murphy, Associate Director, Jen McCadden, Director of Administration, and Edward Mahoney, Exam Committee Chair. The SMEs are listed in Appendix A.1.

The first committee activity focused on identifying the target audience for the CWCA, CWS, and CWSP credentials. As a starting point for the discussion, the committee reviewed the eligibility requirements, job titles and job definitions of each of the three credentials. The eligibility requirements of CWCA, CWS, and CWSP are provided below:

### CWCA:

*The CWCA Examination is available to the following professionals who possess at least three (3) years of wound care related experience: associate degree LPNs, LVNs, PTAs, all certified healthcare assistants, healthcare administrators, dietitians, sales and marketing professionals, and academic researchers. Candidates with a professional license applying for ABWM exams must possess a full and unrestricted professional license in at least one state and in all states in which the candidate currently practices.*

### CWS:

*To be eligible to sit for the CWS examination, an applicant must be licensed as a DO, DPM, MD, NP, DVM, PA, PT, OT, PharmD, RD, or RN and possess three (3) years of clinical experience in wound care, or have completed a fellowship in wound care of at least one year in duration that is certified by a credentialing organization, and supply a letter of recommendation from the fellowship program director and a CWS that was actively involved in the wound care training. Candidates must possess a full and unrestricted professional license in at least one state and in all states in which the candidate currently practices.*

*CWSP:*

*To be eligible to sit for the CWSP examination, an applicant must be a MD, DO, or DPM, with at least three years of clinical wound care experience and direct patient care or have completed a fellowship in wound care of at least one year in duration that is certified by a credentialing organization, and supply a letter of recommendation from the fellowship program director and a CWS that was actively involved in the wound care training. Candidates with a professional license applying for ABWM exams must possess a full and unrestricted professional license in at least one state and in all states in which the candidate currently practices.*

The example job titles of each of the three credentials reviewed are:

*CWCA:*

- Licensed Practical Nurse (LPN) with Associate Degree LPN
- Licensed Vocational Nurse (LVN)
- Physical Therapy Assistant (PTA)
- Certified Healthcare Assistants
- Healthcare Administrators
- Dietitians
- Sales and Marketing Professionals
- Academic Researchers

*CWS:*

- Doctor of Osteopathy (DO)
- Doctor of Podiatric Medicine (DPM)
- Doctor of Medicine (MD)
- Advanced Practice Nurse (NP)
- Doctor of Veterinary Medicine (DVM)
- Physician Associate (PA)
- Physical Therapists (PT)

- *Occupational Therapist (OT)*
- *Doctor of Pharmacy (PharmD)*
- *Registered Dietician (RD)*
- *Registered Nurse (RN)*

*CWSP:*

- *Doctor of Osteopathy (DO)*
- *Doctor of Podiatric Medicine (DPM)*
- *Doctor of Medicine (MD)*

After identifying the target audience for the wound care credentials, the panelists were engaged in an activity to review the job definition for CWCA, CWS, and CWSP. The job definition for each credential is shown below:

*CWCA:*

*A typical CWCA® engages in patient preparation and assessment; treats and educates the patient; and engages in administrative tasks related to wound care management.*

*CWS:*

*A typical CWS® reviews a patient's history; conducts physical examination tasks; evaluates and diagnoses the patient; defines and executes a treatment plan; outlines follow-up care; and engages in activities related to the management of a professional practice.*

*CWSP:*

*A typical CWSP® reviews a patient's history; conducts physical examination tasks; evaluates and diagnoses the patient; defines and executes a treatment plan; identifies wound care prevention options; and engages in activities related to the management of a professional practice.*

The panelists were guided through a process of developing major domains as a first level, and Knowledge topic statements as a second level. The process began with updating the major domains of practice associated with the CWCA, CWS, and CWSP. The panelists started the discussion for the major domains based on the 2018 DCO.

After a brief review of the topics included in each domain, the panelists thought that the existing five topic domains covered the major job responsibilities of CWCA, CWS, and CWSP very well. They discussed the domain names and that the domain names were

appropriate and did not make any updates. The final domain names that are shared by all three credentials are:

1. Wound Healing Environment
2. Assessment and Diagnosis
3. Patient Management
4. Etiological Considerations
5. Professional Issues

Next, the panelists were trained on how to write topic lists that are required to complete each domain. The panelists were instructed to identify the relevant core knowledge, skills, and ability related to the specific role of wound care professionals. Moreover, they were informed that they could use external standards for reference, but they should base the topics on their daily responsibilities rather than a single, external document. As part of the training, the panelists worked together to update topics in the current blueprint.

Next, the panelists were broken into subgroups where each subgroup reviewed and revised topics associated with a particular domain. They reconvened back to the larger group where they followed an iterative process to refine and delineate the topics underneath each of five major domains.

Subsequently, the panelists were trained on how to write tasks. They were instructed to emphasize observable and measurable tasks related to a specific role of wound care professionals. The panelists were then broken into three subgroups by each certification to review and revise the task lists.

There were various ways that the content of the field could have been organized, and the panel worked toward a structure that logically covered a wound care professional's work. Throughout the delineation of responsibilities, topics and tasks, the SMEs were asked to follow the rule of thumb that tasks must be observable. It must be possible to delegate the task to a colleague. This distinction ensured that there was no overlap with the delineation of the knowledge topic section. Additionally, SMEs were asked to focus exclusively on the work that is unique to wound care professionals. They were asked to refrain from including topics, tasks or skills that are important in many fields, such as arriving to work on time or communicating clearly with coworkers. The panel also discussed related aspects of the planned survey of incumbents, such as the demographic items, rating scales, and the context for the survey questions.

## Piloting the Survey

On November 17, 2021, a link to an online pilot survey on SurveyMonkey was sent to ABWM and members of the pilot survey committee, which included expert panelists from the survey development meeting held on March 1, 2022. The purpose of piloting the survey with the committee were:

- to ensure that the instructions were clear;
- to verify that there were no typographical errors;
- to review and clarify the rating scales;
- to determine how much time the survey would take to complete, and;
- to make any final changes to the survey topics, tasks and demographic questions.

All the members who piloted the survey were asked to record their comments, if any, and send them to ABWM. Once all comments were reviewed and discussed, appropriate revisions were made. The final topic list and task lists used in the survey are shown in Appendix D, and the list of demographic questions is shown in Appendix E. The final rating scales are shown in Appendix F. Finally, it was agreed the survey could be completed in a reasonable time.

## Survey of Incumbents

The survey was administered using SurveyMonkey, a powerful electronic survey tool. A complete blank copy of the survey instrument is included in this report as Appendix G.

The introduction to the survey provided information about its purpose and how to complete the survey. It also assured the incumbent that the survey is appropriate for wound care professionals.

Information about how to take the job task analysis survey was disseminated through an email message that included the link to the survey. The initial invitation was distributed by ABWM to all active ABWM certificants and stakeholders in their database. The message that was sent to the wound care professionals is shown in Appendix H. The survey remained active from December 6, 2021 through January 14, 2022. Out of 1,561, 1,358 (87.0%) respondents provided topic ratings for all domains. 1,320 (84.6%) respondents gave holistic domain weightings, 1,262 – 1,273 responded to tasks on at least one domain, and 1,192 (76.4%) respondents completed the survey providing their email at the end. Finally, 157 open-ended survey responses for the topics list and 37 open-ended responses for the task lists were received. The results of the demographic analysis are presented in the tables in Appendix I, and the survey results are shown in Appendices J, K, and L.

# Final Exam Specifications

Exam specifications are used by various groups including certification candidates, educational programs, employers, SMEs involved in the test development process, and the public at large. Exam specifications should provide clear communication to examinees of the content that will be covered in an examination. Exam specifications should also guide the test's question writers by providing them with specifications for test form assembly and inventories of the question pool. Certification testing standards recommend updating exam specifications regularly and more frequently if there are significant changes in the profession or testing practices. As a result of exam specifications having so many audiences and uses, it is imperative that they are developed carefully based on input from experts in the field. ABWM convened a panel of content experts to interpret the survey results and develop the new exam specifications for CWCA, CWS and CWSP. Seven SMEs from the expert panel that developed the original survey and five SMEs who were not part of the original panel, as listed in Appendix A, convened for the exam specifications virtual web conference on March 1, 2022. The agenda for this meeting can be found in Appendix C. The complete list of panel members participating is listed in Appendix A.2.

The meeting started with the introduction and orientation by ABWM and Pearson VUE, followed by an overview of the text specification meeting. After the introduction, the SMEs were split into three subgroups for each of the three certification levels. Each group reviewed the demographic information for the respondents. The sample respondents were determined to be representative of wound care professionals, meeting the panel's expectations. The majority of wound care professionals are from North America, with 100% for CWCA, 97% for CWS, 92% for CWSP of respondents from the USA. The demographic questions are shown in Appendix E and the summary of the responses can be found in Appendix I. In addition, the rating scale reliability for each of the domains and the overall survey was presented. The reliability of each domain is estimated by considering how well the topics that reflect the same domain yield similar results. Reliability coefficients, such as Cronbach's Alpha, provide measures of internal consistency that range from zero to one (Cronbach, 1951). High reliability indicates that scores are consistent and not unduly influenced by random error. The reliability is a very good indication of each domain's internal consistency. The results can be found in Table 1 below. Respondents were not included in the results unless they provided responses to all topics within a given domain. The overall reliabilities across the 45 topics ranged from 0.951 to 0.981 across the three credentials, which is a good indication that the scale reliabilities were excellent.

Table 1. Knowledge Topic Rating Scale Reliabilities for CWCA, CWS, and CWSP

Domain	Topic	CWCA	CWS	CWSP
1. Wound Healing Environment	2	0.529	0.668	0.598
2. Assessment and Diagnosis	8	0.888	0.855	0.901
3. Patient Management	13	0.868	0.836	0.858
4. Etiological Considerations	15	0.942	0.920	0.928
5. Professional Issues	7	0.815	0.838	0.862
<b>Total</b>	<b>45</b>	<b>0.960</b>	<b>0.951</b>	<b>0.981</b>

Next, the panel reviewed the topic list and task list with low ratings. The rating scales are shown in Appendix F. Respondents were required to rate each topic and task in a given domain before they could move onto the next domain. The panel reviewed the tables shown in the Survey Results (see Appendices J, K, and L).

After the survey respondents rated the topics that were linked to all the five domains, they were asked how adequately the survey covered the important topics of wound care professionals. Of the 1,319 respondents, over 99% answered that the survey "completely" or "adequately" covered the important topics. The respondents then rated the task list for each credential for which they selected as their specialty.

The next question to be discussed was the adequacy of the topic and task lists. The SMEs reviewed the list of missing topics and tasks that were identified by one or more survey respondents shown in Appendix M. There were a total of 194 open-ended survey responses suggesting additional topics or tasks. These comments were thoroughly reviewed by ABWM prior to the meeting, and recommendations were made about which topics and tasks were not already covered, but most essential to be discussed during the meeting. The panelists were encouraged to bring up for group discussion the reviewed topics and tasks that could potentially be added to the new DCO.

For CWCA, "patient education" was added to the existing list of examples under *Domain 5. B Patient adherence*. Also, "electrical stimulation" was added to the example list for Task A32 *Assist with or perform biophysical technologies*. For CWS, the panel agreed to add "*N. Ostomy*" as a topic under Domain 3, and "bariatrics", and "pharmacological" were added to the list of examples for *Domain 3. E Complications in healing*. For CWSP, no new topics or tasks were added to the blueprint. The detailed content outline was finalized as presented in Appendices N, O, and P.

## Judging criteria for knowledge topics and tasks

The rating scale used to judge the importance of topics or tasks was:

- 0 = Not part of my practice
- 1 = Part of my practice, but not very important
- 2 = Important
- 3 = Very important
- 4 = Essential

Based on the importance rating scale the following rules were used to highlight tasks that should be considered for exclusion:

- Overall mean importance for the task < 2, or
- The percent of selecting "Not part of my practice" > 50%

For CWCA, no topics or tasks were rated below "Important". However, there were six topics and one task that were flagged by "Not my practice > 50%": Topics 3.G.1, 3.G.2, 3.G.3, 3.G.4, and 3.G.5 under 3.G. *Biophysical technologies* and Topic 4.N. *Pediatric Issues*. Also, Task A.32 under *Treatment* was flagged. After reviewing and discussing, the panel agreed to keep 3.G.1 and 3.G.2 because they thought these are important areas, but drop 3.G.3, 3.G.4, and 3.G.5, because they are not used very often in the field. For Task A.32, the panel agreed to keep the task, but to keep it consistent with the 3.G knowledge topic, they decided to drop "*diathermy*" and "*laser*" from the example list and add "electrical stimulation".

For CWS, no topics or tasks were rated below "Important". However, there were four topics and one task that were flagged by "Not my practice > 50%": Topics 3.G.1, 3.G.3, 3.G.4, and 3.G.5 under 3.G. *Biophysical technologies*. Also, Task S.20 under *Evaluation and Diagnosis* was flagged. After reviewing and discussing, the panel agreed to keep 3.G.1 because they thought it was an important area, but drop 3.G.3, 3.G.4, and 3.G.5, because they are not used very often in the field. For Task S.20, the panel agreed to drop it, because this task is not appropriate for the role of CWS.

For CWSP, three topics and three tasks were flagged by "Not my practice > 50%": Topics 3.G.3, 3.G.4, and 3.G.5 under 3.G. *Biophysical technologies*, and Tasks P.16, P.17, and P.19 under *Treatment of Wounds*. Also, there were two tasks flagged by both below "Important" and "Not my practice > 50%": Tasks P.18 and P.20 under *Treatment of Wounds*. After reviewing and discussing, the panel agreed to keep tasks P.16, and P.17, because these tasks are commonly used in practice. However, the panel decided to drop topics 3.G.3, 3.G.4, and 3.G.5 and tasks P.18, P.19, and P.20, because they are not used very often in the field.

All the ratings that fall below the given criteria are highlighted in red in the tables in Appendices J, K, and L.

Next, the panel considered how much emphasis (in terms of the percentage of total test items) each of the topic domains should receive on the ABWM exam. The survey collected information about the importance of the topic domain that was weighted by percentage and should add up to 100% across all five domains. The major domain weights were based on the average holistic ratings from the respondents. Weights were computed as percentage values, and therefore they did not transform to be the exact number of items, but the rounded values added up to be a total of 100 items for CWCA, 125 items for CWS, and 150 items for CWSP.

The panel considered the average rating from the domain weights question shown in the survey and the domain weights from the 2018 JTA to help them decide on the domain percentages. They discussed the importance of each domain relative to the others, taking into consideration the related topics. After an in-depth discussion, SMEs reached consensus on the final weighting and number of items for each domain which is shown in the last two columns in Table 2, Table 3, and Table 4.

Table 2. Knowledge Topic Domain Weights for CWCA

Domain	N	Holistic		Version 2018		Version 2022	
		%	# items	%	# items	%	# items
1. Wound Healing Environment	222	27.5%	27.5	21.0%	21	26.0%	26
2. Assessment and Diagnosis	222	24.0%	24.0	22.0%	22	24.0%	24
3. Patient Management	222	18.9%	18.9	26.0%	26	20.0%	20
4. Etiological Considerations	222	16.5%	16.5	21.0%	21	19.0%	19
5. Professional Issues	222	13.2%	13.2	10.0%	10	11.0%	11
Total		100.0%	100	100.0%	100	100.0%	100

Table 3. Knowledge Topic Domain Weights for CWS

Domain	N	Holistic		Version 2018		Version 2022	
		%	# items	%	# items	%	# items
1. Wound Healing Environment	796	24.9%	31.2	16.0%	20	18.4%	23
2. Assessment and Diagnosis	796	26.4%	33.0	26.4%	33	27.2%	34
3. Patient Management	796	21.1%	26.3	24.0%	30	24.0%	30
4. Etiological Considerations	796	16.9%	21.1	25.6%	32	20.8%	26
5. Professional Issues	796	10.7%	13.3	8.0%	10	9.6%	12
Total		100.0%	125.0	100.0%	125	100.0%	125

Table 4. Knowledge Topic Domain Weights for CWSP

Domain	N	Holistic		Version 2018		Version 2022	
		%	# items	%	# items	%	# items
1. Wound Healing Environment	302	21.4%	32.1	16.7%	25	21.3%	32
2. Assessment and Diagnosis	302	26.4%	39.6	26.7%	40	26.7%	40
3. Patient Management	302	23.8%	35.6	26.7%	40	24.7%	37

4. Etiological Considerations	302	17.5%	26.2	20.0%	30	18.0%	27
5. Professional Issues	302	11.0%	16.5	10.0%	15	9.3%	14
<b>Total</b>		<b>100.0%</b>	<b>150.0</b>	<b>100.0%</b>	<b>150</b>	<b>100.0%</b>	<b>150</b>

Next, the panels determined the number of items to be distributed by cognitive levels on the five domains for each certification. Three cognitive levels including “Recall”, “Application”, and “Analysis” were used. The definitions of the cognitive levels used by ABWM are:

- **Recall:** Requires recall or recognition of specific facts or concepts which generally does not vary relative to the situation.
- **Application:** Requires the comprehension, interpretation, or manipulation of concepts or information to a given situation.
- **Analysis:** Requires integrations about a situation (i.e., evaluating and rendering judgments on complex problems with many situational variables).

For each domain, the panels considered the cognitive skills that would be required, based on the roles of the certified wound care professionals. As guidance for the panels on determining the cognitive breakdown, the cognitive level distributions used for the previous 2018 DCO was also provided during the discussion. The results are shown in Table 5.

Table 5. Cognitive Level Distributions for Topic Lists

Domain	CWCA				CWS				CWSP			
	Total	Recall	Application	Analysis	Total	Recall	Application	Analysis	Total	Recall	Application	Analysis
1. Wound Healing Environment	26	22	4	0	23	14	7	2	32	24	6	2
2. Assessment and Diagnosis	24	13	9	2	34	7	17	10	40	20	10	10
3. Patient Management	20	8	9	3	30	4	15	11	37	7	15	15
4. Etiological Considerations	19	10	7	2	26	3	12	11	27	5	11	11
5. Professional Issues	11	5	6	0	12	4	7	1	14	3	11	0
<b>Total</b>	<b>100</b>	<b>58</b>	<b>35</b>	<b>7</b>	<b>125</b>	<b>32</b>	<b>58</b>	<b>35</b>	<b>150</b>	<b>59</b>	<b>53</b>	<b>38</b>

The final weightings and number of questions for each topic by cognitive levels is included in the final DCO. SMEs unanimously approved the 2022 DCO for the CWCA, CWS, and CWSP exams.

After the test specification meeting, the ABWM board reviewed the final DCO and suggested to drop P13. *Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines* from the CWSP task list, because it was already covered in several tasks. The suggested update was incorporated into the final DCO presented in (Appendices N, O, and P).

## Summary

The CWCA examination is a 120-item test with 100 scored items with the duration of 2.5 hours. The CWS examination contains 150 items with 125 scored items with the duration of 3 hours. The CWSP examination contains 180 items with 150 scored items with the duration of 3.5hour exam time. These examinations are administered at sites throughout the United States using a computer-based delivery format. The goal of the JTA meeting was to update the examination DCO for the CWCA, CWS, and CWSP exams. The final DCO of topic and task lists with domain level weights and cognitive level breakdown for the topic list is presented in Appendices N, O, and P. Panelists' evaluation of the expert panel meeting and test specification meeting are presented in Appendix Q.

# References

- American Educational Research Association, American Psychological Association, & National Council on Measurement in Education. (2014). *Standards for educational and psychological testing*. Washington, DC: American Educational Research Association.
- American National Standards Institute. (2009). *Guidance on psychometric requirements for ANSI accreditation* (ANSI-PCAC-GI-502). Washington, DC: American National Standards Institute.
- Cronbach, L. (1951). Coefficient alpha and the internal structure of tests. *Psychometrika*, 16, 297–334.
- Institute for Credentialing Excellence. (2009). *Standard for assessment-based certificate programs* (ICE 1100 2010[E]). Washington, DC: Institute for Credentialing Excellence.

# Appendix A. Meeting Participants

Table A.1. Expert Panel Meeting Participants

Panelist	Location	Gender	Years of Experience	Credential	Title
Douglas Cohen	Sarasota, Fl	Male	25	DPM CWSP	Physician
Taryn Fleming	Willow Park, TX	Male	5	LPN CWCA WCC DAPAWC	lpn
Alexandra Grulke	Downington, PA	Female	20	DPM, FACFAS, CWSP	Podiatrist
Mary Allison Hendrickson Quirk	Brunswick, GA	Female	23	DO, CWSP, ABWM, FACP	hospitalist , wound specialist
Karena Herron	Auburn WA	Female	4	ARNP-C FNP, CWS HBOTc	Nurse practitioner
Ed Mahoney	Shreveport, LA	Male	19	PT, DPT, CWS	Physical Therapist
Marc Mancinelli	Erie, PA	Male	13	DO in Emergency Medicine with a CAQ in Undersea and Hyperbaric Medicine	Medical Director of UPMC-Hamot Wound and Hyperbaric Services
Victoria McNamar	Tinley Park, IL	Female	4	RN, BSN	Wound Ostomy RN
Amy Norcross	Bossier City, LA	Female	17	FNP-C, CWCN-AP	FNP
Derek Ruvalcaba	Wichita Falls, TX	Male	25	Associates Respiratory Therapy, Certified Respiratory Therapist, Certified Wound Care Associate and Certified Hyperbaric Technician	Manager Wound Care
Raymond W Pryor III	Woodstock, IL	Male	12	MD, CWSP	Wound Physician

## ABWM Representatives

Jen McCadden  
 Chris Murphy  
 Ed Mahoney

## Pearson VUE Facilitators

James Ingrisone  
Yooyoung Park  
Seohong Pak

Table A.2. Test Specification Meeting Participants

Panelist	Location	Gender	Years of Experience	Credential	Job Title
Marc Mancinelli	Erie, PA, USA	Male	15	DO, CWS	Medical Director
Yvette Monteleon	Lafayette, LA, USA	Female	23	RN, CWS	SVP Sales
Karena Herron	Auburn, WA, USA	Female	4	CWS	ARNP
Douglas Cohen	Sarasota, FL, USA	Male	27	DPM CWSP	DPM
Karen Wientjes	Kennett Square	Female	28	PT, DPT, MPH, CWS	Physical Therapist
Sally Damata	Brockton, MA, USA	Female	10	CWS	RN
Victoria McNamara	Palos Heights, IL, USA	Female	5	BSN, RN	Wound Care RN
Ed Mahoney	Shreveport, LA, USA	Male	20	PT, DPT, CWS	Physical Therapist
Alexandra Grulke	West Chester, PA, USA	Female	117	DPM, FACFAS, CSWP	DPM
LeAnne McWhirt	Muskogee, OK, USA	Female	19	CWCA CWCN APRN	APRN
Walter Conlan	Orlando, FL	Male	26	MD, CWSP, UHM	MD
Derek Ruvalcaba	N/A	Male	25	CRT, CHT, CWCA	N/A

## ABWM Representatives

Jen McCadden  
Chris Murphy  
Ed Mahoney

## Pearson VUE Facilitators

James Ingrisone  
Yooyoung Park  
Seohong Pak

# Appendix B. Expert Panel Meeting Agenda

ABWM CWCA, CWS, CWSP

## Job Task Analysis – Survey Development Meeting

Date: October 18-19, 2021  
Location: Virtual  
Pearson VUE Facilitators: Yooyoung Park, James Ingrisone, Seohong Pak  
ABWM Facilitators: Chris Murphy, Jen McCadden, Edward Mahoney

## Agenda

Monday 18 October 2021 – 9:00 am-5:00 pm CST

Time	AM/PM	Task
9:00	AM	Welcome, introductions, initial housekeeping
9:30	AM	Overview of the JTA process and activities
9:50	AM	Review eligibility requirements, job description, and job titles
10:30	AM	Break
10:45	AM	Review and update domains related to topics (major job responsibilities)
11:30	AM	Training on how to write topic statements Review and edit topics related to the domains in small groups
12:30	PM	Lunch
1:00	PM	Review and edit topics related to the domains as a large group
3:00		Break
3:15	PM	Training on how to write task statements Review and edit domains and related tasks in small groups by subject area (CWCA, CWS, CWSP)
5:00	PM	Adjourn

Tuesday 19 October 2021 – 9:00 am-5:00 pm CST

Time	AM/PM	Task
9:00	AM	Review and edit domains and related tasks in small groups by subject area (CWCA, CWS, CWSP)
10:30	AM	Break
10:45	AM	Final review and discussion (topics)
1:00	PM	Lunch
1:30	PM	Final review and discussion (tasks)
4:30	PM	Break
4:45	PM	Review rating scales and demographic questions
5:00	PM	Evaluation, Security, and Adjourn

## Considerations

- The agenda is subject to time adjustments.

# Appendix C. Exam Specification Meeting Agenda

ABWM – CWCA, CWS, CWSP

## Test Specifications Meeting

Date: March 1-2, 2022 @ 9:00 AM - 5:00 PM CST  
Location: Virtual (Webex Meeting)  
ABWM Facilitators: Chris Murphy, Jen McCadden, Edward Mahoney  
Pearson VUE Facilitator: Yooyoung Park, Seohong Pak, James Ingrisone

## Agenda

Tuesday March 1, 2022

Time	AM/PM	Task
9:00	AM	Welcome, Introductions, Initial Housekeeping
9:30	AM	Orientation Overview Test Specification Meeting Split into Groups by Certification: CWCA, CWS, CWSP
10:00	AM	Review Demographic Survey Results
10:45	AM	Break (15-min)
11:00	AM	Review Topics/Tasks with Low Weights Remove/Keep Topics/Tasks in Each Domain
12:00	PM	Lunch Break
1:00	PM	Review and Discuss Open Responses
3:00	PM	Break (15-min)
3:15	PM	Review and Discuss Open Responses (Cont.)
5:00	PM	Adjourn

Wednesday March 2, 2022

Time	AM/PM	Task
9:00	AM	Discuss/Update Domain Weights
10:30	AM	Break (15-min)
10:45	AM	Review and Approve Content Outline with Weights
12:00	PM	Lunch
1:00	PM	Discuss and Update number of items by Cognitive Level
3:00	PM	Break (15-min)
3:15	PM	Discuss and Update number of items by Cognitive Level (Cont.)
4:15	PM	Evaluate Meeting Final Housekeeping
5:00	PM	Adjourn

Note: The test specification meeting was completed in 1 day. All activities scheduled for March 2 were completed on March 1.

- The agenda is subject to time adjustments.

# Appendix D. Final Topic and Task Lists on Survey

Table D.3. Topic List for CWCA, CWS, CWSP

<b>Domain 1. Wound Healing Environment</b>
A. Anatomy and Physiology
1. Integumentary
2. Musculoskeletal
3. Vascular
4. Neurological
5. Lymphatic
6. Other systems (e.g., endocrine, renal, respiratory, immunologic) (CWS, CWSP only)
B. Wound Healing
1. Phases
2. Cell function (e.g., signaling proteins, cellular mediators)
3. Acute vs. chronic
<b>Domain 2. Assessment and Diagnosis</b>
A. History
B. Physical examination
C. Wound and skin assessment
D. Pain assessment
E. Risk assessment
F. Functional assessment
G. Laboratory/Imaging/Biopsy
H. Nutrition
<b>Domain 3. Patient Management</b>
A. Wound bed preparation/debridement
B. Dressings
C. Cellular and/or tissue products for wounds
D. Topical agents
E. Complications in healing (e.g., biofilm management, infection, systemic factors)
F. Nutrition
G. Biophysical technologies
1. Electrical stimulation
2. Ultrasound
3. Diathermy
4. Laser
5. Ultraviolet C
H. Compression therapy
I. Negative pressure wound therapy
J. Hyperbaric oxygen therapy

K. Pressure redistribution (i.e., offloading)
L. Surgical closure or tissue transfer
M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)
<b>Domain 4. Etiological Considerations</b>
A. Neuropathy
B. Diabetes
C. Venous insufficiency
D. Ischemia
E. Pressure related wounds
F. Lymphedema
G. Trauma
H. Surgical/surgical procedure
I. Atypical etiologies (e.g., malignancy, medication-induced)
J. Dermatological
K. Infectious
L. Burns
M. Edema (i.e., systemic vs. local)
N. Pediatric Issues
O. Inflammatory
<b>Domain 5. Professional Issues</b>
A. Documentation/legal concepts
B. Patient adherence (e.g., socioeconomic factors, ability to comply)
C. Reimbursement and medical economics
D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)
E. Multidisciplinary teams
F. Epidemiology
G. Evidence-based practice and research

Table D.2. Task List for CWCA

<b>Patient Preparation</b>
A1 Ensure proper cleaning of examination rooms between patients (e.g., OSHA guidelines, sanitation, infection control)
A2 Disinfect equipment
A3 Perform safe patient handling techniques
A4 Assist in obtaining health and medication history
A5 Obtain recent nutritional history and needs
A6 Take and monitor vital signs
A7 Photograph the wound
A8 Assist with ensuring aseptic or sterile techniques for procedures
A9 Set up equipment for procedures
A10 Prepare wound for procedures (e.g., cleansing, removing dressings, topically anesthetize)
<b>Patient Assessment</b>
A11 Assess, or assist with assessing blood flow (e.g., perform Doppler, check pulses, Ankle Brachial Index)

A12 Assess, or assist with assessing for risk of pressure wound development
A13 Assess, or assist with assessing level of pain
A14 Assess, or assist with assessing edema (e.g., limb circumference, volume)
A15 Assess, or assist with assessing functional status (e.g., ambulatory status, mobility)
A16 Assess, or assist with assessing skin (e.g., for color, swelling, and temperature)
A17 Assess, or assist with assessing wound and periwound characteristics (e.g., stage, partial vs full thickness)
A18 Assess, or assist with assessing sensory function (e.g., monofilament testing, vibration testing)
A19 Identify psychosocial barriers (e.g., cognitive, financial, religious/cultural)
A20 Assess and describe wound characteristics (e.g., tissue type, measurements, amount of drainage, type of drainage)
<b>Treatment</b>
A21 Apply, or assist with appropriate dressings
A22 Apply, or assist with compression wraps and stockings
A23 Apply, or assist with barrier products
A24 Remove, or assist with staples or sutures
A25 Apply, or assist with offloading systems
A26 Assist with application of cellular and/or tissue products
A27 Assist with biopsy
A28 Assist with or perform negative pressure wound therapy application or removal
A29 Assist with or perform debridement
A30 Assist with or perform culture/aspiration
A31 Assist with or perform wound irrigation or cleansing
A32 Assist with or perform biophysical technologies (e.g., diathermy, ultrasound, laser)
<b>Education</b>
A33 Provide education or demonstrate an understanding of offloading and/or pressure relief
A34 Provide education or demonstrate an understanding of wound care protocols rationale
A35 Provide education or demonstrate an understanding of therapeutic interventions (e.g., dressings, wound products, negative pressure, compression systems)
A36 Provide education or demonstrate an understanding of medication reconciliation
A37 Provide education or demonstrate an understanding of lifestyle changes (e.g., smoking cessation, diet, nutrition)
A38 Provide education or demonstrate an understanding of disease process
A39 Provide education or demonstrate an understanding of diagnostic testing
A40 Provide education or demonstrate an understanding of skin care
A41 Provide education or demonstrate an understanding of pain management
A42 Provide education or demonstrate an understanding of universal precautions
A43 Provide education or demonstrate an understanding of positioning and mobility
<b>Professional Issues</b>
A44 Document patient information (e.g., medications, progress, billing, photographs)
A45 Coordinate wound care with supervisor and other team members
A46 Consider financial implications of selected interventions
A47 Follow confidentiality and security regulations

A48 Read current literature on wound care trends
A49 Recognize strength of evidence related to research
A50 Adhere to professional ethical guidelines

Table D.3. Task List for CWS

<b>History and Physical Examination</b>
S1 Obtain history of present illness (e.g., wound duration, etiology, previous treatments, medication reconciliation, and comorbidities)
S2 Interpret vital signs
S3 Assess circulatory system
S4 Assess integumentary system
S5 Assess musculoskeletal system
S6 Assess neurological system
S7 Assess cardiopulmonary system
S8 Assess limb volume
S9 Assess pain level
S10 Assess tissue oxygenation
<b>Evaluation and Diagnosis</b>
S11 Assess wound healing status
S12 Assess factors related to delayed wound healing
S13 Assess barriers to the plan of care and expected outcomes (e.g., psychosocial, financial, religious/cultural)
S14 Assess wound characteristics
S15 Evaluate wounds using the following standardized grading systems: Wagner scale
S16 Evaluate wounds using the following standardized grading systems: University of Texas wound classification system
S17 Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)
S18 Evaluate wounds using the following standardized grading systems: Rule of Nines
S19 Evaluate wounds using the following standardized grading systems: CEAP classification
S20 Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines
S21 Perform risk assessment
S22 Review or interpret laboratory, imaging, and test results
S23 Determine the etiology of the wound
<b>Treatment</b>
S24 Establish realistic goals
S25 Perform techniques to cleanse the wound and reduce bioburden
S26 Debride the wound
S27 Apply dressings to the wound
S28 Manage at-risk skin and periwound
S29 Apply compression therapy

S30 Use advanced therapeutic adjunctive treatments (e.g., negative pressure wound therapy, ultrasound, hyperbaric oxygen)
S31 Apply offloading device for the lower extremity
S32 Use support surface for pressure relief/reduction
S33 Address the nutritional needs of the patient
S34 Assist with or apply cellular and/or tissue products
S35 Assist with or apply tissue grafts and flaps
S36 Manage cellular and/or tissue products
S37 Manage tissue grafts and flaps
S38 Use advanced topical therapeutic agents (e.g., becaplermin, collagenase)
<b>Continuum of Care</b>
S39 Discuss and review the plan of care
S40 Educate patient/family/caregiver on disease management and prevention
S41 Monitor laboratory values
S42 Refer patients to consultants/specialist
S43 Educate on wound healing environment
<b>Professional Practice</b>
S44 Interpret research methodology and strength of evidence
S45 Follow confidentiality and security requirements
S46 Adhere to guidelines and regulations (e.g., professional, governmental, reimbursement, credentials)
S47 Perform complete wound care documentation

Table D.4. Task List for CWSP

<b>Assessment and Diagnosis</b>
P1 Obtain patient history
P2 Perform physical examination
P3 Order and interpret laboratory tests and imaging studies
P4 Determine etiology of the wound
P5 Assess wound healing status
P6 Assess factors contributing to delayed wound healing
P7 Assess wound characteristics
P8 Evaluate wounds using the following standardized grading systems: Wagner scale
P9 Evaluate wounds using the following standardized grading systems: University of Texas wound classification system
P10 Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)
P11 Evaluate wounds using the following standardized grading systems: Rule of Nines
P12 Evaluate wounds using the following standardized grading systems: CEAP classification
P13 Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines
<b>Treatment of Wounds</b>
P14 Manage wounds using debridement

P15 Manage wounds using hyperbaric oxygen therapy
P16 Manage wounds using electrical stimulation
P17 Manage wounds using ultrasound (contact and non-contact)
P18 Manage wounds using diathermy
P19 Manage wounds using laser
P20 Manage wounds using ultraviolet C
P21 Manage wounds using negative pressure wound therapy
P22 Manage wounds using compression therapy (static and dynamic)
P23 Manage wounds using dressings and topical agents
P24 Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)
P25 Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)
P26 Prescribe or manage analgesic medications (systemic and/or topical)
P27 Prescribe or manage antimicrobial therapy (systemic and/or topical)
P28 Manage the following complications: bleeding
P29 Manage the following complications: allergic reactions
P30 Manage the following complications: adverse events
P31 Manage the following complications: scarring
P32 Manage the following complications: infection
P33 Address and manage nutritional deficits
P34 Address psychosocial aspects of patient care
P35 Identify the need for consultations and make referrals
P36 Educate on wound healing environment
<b>Wound Prevention</b>
P37 Identify patient risk factors (e.g., obesity, diabetes, vascular disease)
P38 Educate patients, families, caregivers, and ancillary staff
P39 Recommend and prescribe preventive measures
<b>Professional Issues</b>
P40 Comply with documentation requirements (e.g., legal, reimbursement)
P41 Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)
P42 Identify and respond to issues related to medical economics (e.g., costs, accountable care)
P43 Determine appropriate levels of care (e.g., inpatient vs. outpatient)
P44 Incorporate a critical evaluation of literature to practice
P45 Apply principles of evidence-based medicine
P46 Adhere to guidelines and regulations (e.g., professional, governmental, credentials)
P47 Follow confidentiality and security regulations

# Appendix E. Final Demographic Questions

In which state do you primarily practice? (pull down state or outside of US)

Which of the following best describes your highest level of education?

- High school or equivalent
- Technical certificate (e.g., CNA, LPN/LVN, medical assistant)
- Associate (two-year) degree
- Diploma (e.g., nursing)
- Baccalaureate degree
- Masters degree
- Doctoral degree
- Post-doctoral

Which of these best describes your primary professional designation?

- Certified Nursing Assistant (CNA)
- Doctor of Medicine (MD)
- Doctor of Osteopathy (DO)
- Doctor of Podiatric Medicine (DPM)
- Hyperbaric Technician (CHT)
- Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)
- Advanced practice nurse (NP, CNS)
- Occupational Therapist (OT)
- Occupational Therapist Assistant (OTA)
- Physical Therapist (PT)
- Physical Therapist Assistant (PTA)
- Physician's Assistant/Associate (PA)
- Registered Dietitian (RD)
- Registered Nurse (RN)
- Respiratory Therapist (RT)
- Wound Care Technician/Aide
- Nonclinical (e.g., business, research, sales, educator)

If MD, DO, DPM ---

Do you have a specialty area outside of wound care? Yes no

What is your specialty area? (text box)

Please list your specialty board certifications: (text box)

How many years of experience do you have in the field of Wound Management?  
pull down number (1-50+)

What percentage of your workday involves wound management?

- Less than 10%
- 10% to 24%
- 25% to 49%
- 50% to 74%
- 75% to 99%
- 100%

What is your primary place of practice/employment?

- Hospital
- Long-Term Acute Care Hospital
- Long-Term Care Facility
- Home Health
- Wound Care Center
- Private Practice
- Educational Institution
- Industry
- Government Agency

In which of these other settings do you also practice? (Select all that apply.)

- Hospital
- Long Term Acute Care Hospital
- Long-term Care Facility
- Home Health
- Wound Care Center
- Private Practice
- Educational Institution
- Industry
- Government Agency
- None

Which of these certifications do you hold? (Select all that apply.)

- CWCA®
- CWS®
- CWSP®

None of these

Do you currently hold another certification in wound care?

No

Yes (Please specify) (text box)

Optional demographic questions

What is your gender?

Male

Female

Non-binary

Other

Prefer not to respond

What is your age?

20-29

30-39

40-49

50-59

60+

Prefer not to respond

Which of the following best describes you?

African-American

Asian

Hispanic

Native American

White

Other

Prefer not to respond

# Appendix F. Final Rating Scales

## Ratings of Wound Management Knowledge Topics

Use the scale below to express your judgment of the significance of each topic as it applies to your current practice. Please note that this is a two-part scale. First consider whether you need to have that knowledge; if you do not, answer "Not part of my practice." If you need to have that knowledge, indicate how important it is by selecting the appropriate response.

- 0 = Not part of my practice
- 1 = Part of my practice, but not very important
- 2 = Important
- 3 = Very important
- 4 = Essential

## Ratings of Wound Management Task Lists

Use the scale below to express your judgment of the significance of each task as it applies to your current practice. Please note that this is a two-part scale. First consider whether you may be called upon to perform that task; if you are not, answer "Not part of my practice," otherwise indicate how important it is by selecting the appropriate response.

- 0 = Not part of my practice
- 1 = Part of my practice, but not very important
- 2 = Important
- 3 = Very important
- 4 = Essential

# Appendix G. Final Survey



ABWM Job Task  
Analysis Surevy 2021\_

# Appendix H. Email Distributed to All ABWM Stakeholders

## Subject: We Need Your Participation – ABWM Survey

The American Board of Wound Management (ABWM) is initiating an important step in the CWCA®, CWS®, and CWSP® certification examinations development process, and we need your help.

As an active wound care professional, you're invited to participate in the ABWM Job Task Analysis (JTA) Survey, which is the first and most important step in recommending updates to the CWCA®, CWS®, and CWSP® certification examinations. Participation by wound care professionals representing different regions, industries and specialties, practice settings, and years of experience is important to ensure that the survey results adequately represent the profession. The outcome of this survey will be an updated Detailed Content Outline (DCO) for the CWCA®, CWS®, and CWSP® examinations to certify future CWCA®, CWS®, and CWSP® candidates.

The invitation is being sent to wound care professionals. Please do not forward the email or survey link to other individuals. The survey will be available from December 7, 2021 – January 14, 2022. You can access the survey at the link below:

[https://www.surveymonkey.com/r/ABWM\\_Job\\_Task\\_Analysis\\_2021](https://www.surveymonkey.com/r/ABWM_Job_Task_Analysis_2021)

For completing the survey, you will be eligible to be entered in a raffle to win a \$250 Giftogram gift card which can be used at over 200 retailers including Amazon, Apple, and Uber.

If you have questions about this survey, please contact the ABWM at [jmccadden@abwmcertified.org](mailto:jmccadden@abwmcertified.org).

Thank you for your participation,

Jen McCadden,  
ABWM Director of Administration

# Appendix I. Demographic Results

## Appendix I1. CWCA Demographic Results

Table 6 - The ABWM offers three certification programs for practitioners with wound management experience. Please select the highest certification that you would qualify for (or already hold):

Response	Count	Pct
CWCA® - Certified Wound Care Associate™ -- associate degree or diploma RNs, LPNs, LVNs, PTAs, all certified healthcare assistants, healthcare administrators, dietitians, sales and marketing professionals, and academic researchers.	230	100%
n=230		

Table 7 - How well did this list of knowledge topic statements cover the knowledge required to perform critical tasks in your role as a CWCA®?

Response	Count	Pct
Completely	127	57%
Adequately	95	43%
Inadequately	0	0%
n=222		

Figure 1 - How well did this list of knowledge topic statements cover the knowledge required to perform critical tasks in your role as a CWCA®?

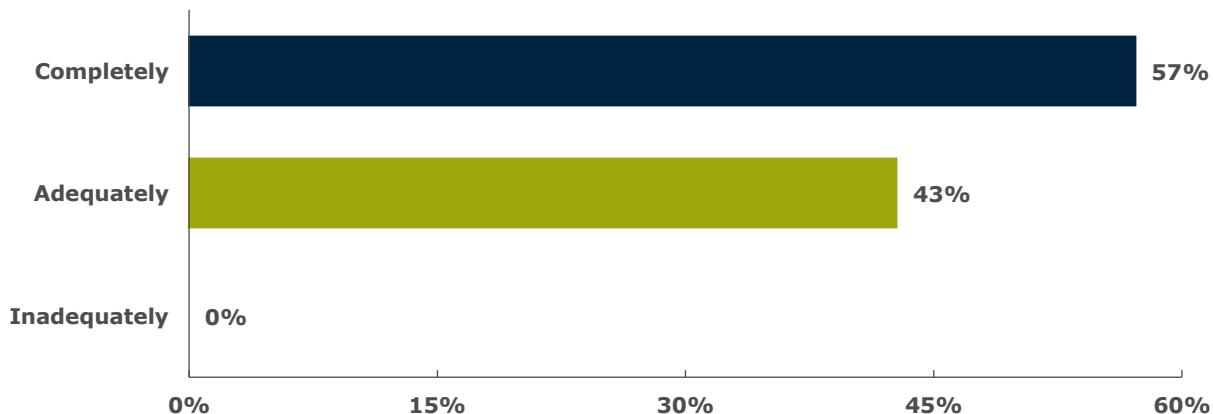


Table 8 - In which state do you primarily practice?

Response	Count	Pct
Florida	22	11%
Texas	17	8%
Pennsylvania	13	6%
California	12	6%
Michigan	11	5%
Colorado	8	4%
New York	8	4%
Georgia	7	3%
New Jersey	7	3%
Ohio	7	3%
Tennessee	7	3%
Oklahoma	6	3%
Virginia	6	3%
Connecticut	5	2%
Missouri	5	2%
New Hampshire	5	2%
North Carolina	5	2%
Alabama	4	2%
Arkansas	4	2%
Idaho	4	2%
Indiana	4	2%
Kansas	4	2%
Washington	4	2%
Wisconsin	4	2%
Illinois	3	1%
Louisiana	3	1%
Maryland	2	1%
Massachusetts	2	1%
Minnesota	2	1%
Mississippi	2	1%
Montana	2	1%
South Carolina	2	1%
Alaska	1	0%
Hawaii	1	0%
Iowa	1	0%
Kentucky	1	0%
Maine	1	0%
Nevada	1	0%
New Mexico	1	0%
North Dakota	1	0%
Oregon	1	0%
Utah	1	0%
West Virginia	1	0%
Outside of US	1	0%
n=209		

Figure 2 - In which state do you primarily practice?

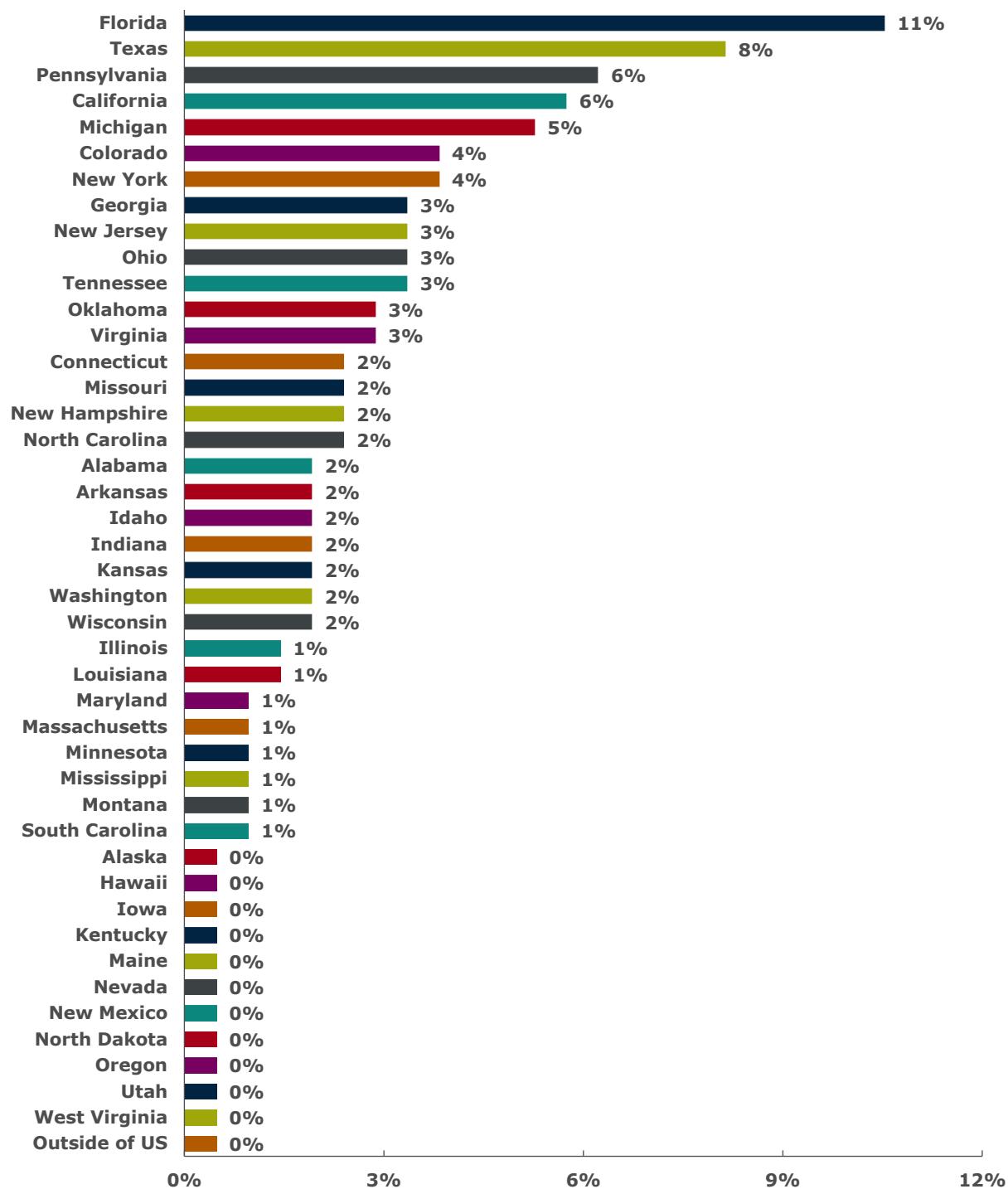


Table 9 - Which of the following best describes your highest level of education?

Response	Count	Pct
High school or equivalent	1	0%
Technical certificate (e.g., CNA, LPN/LVN, medical assistant)	68	33%
Associate (two-year) degree	81	39%
Diploma (e.g., nursing)	14	7%
Baccalaureate degree	39	19%
Masters degree	6	3%
Doctoral degree	0	0%
Post-doctoral	0	0%
No Response	0	0%
n=209		

Figure 3 - Which of the following best describes your highest level of education?

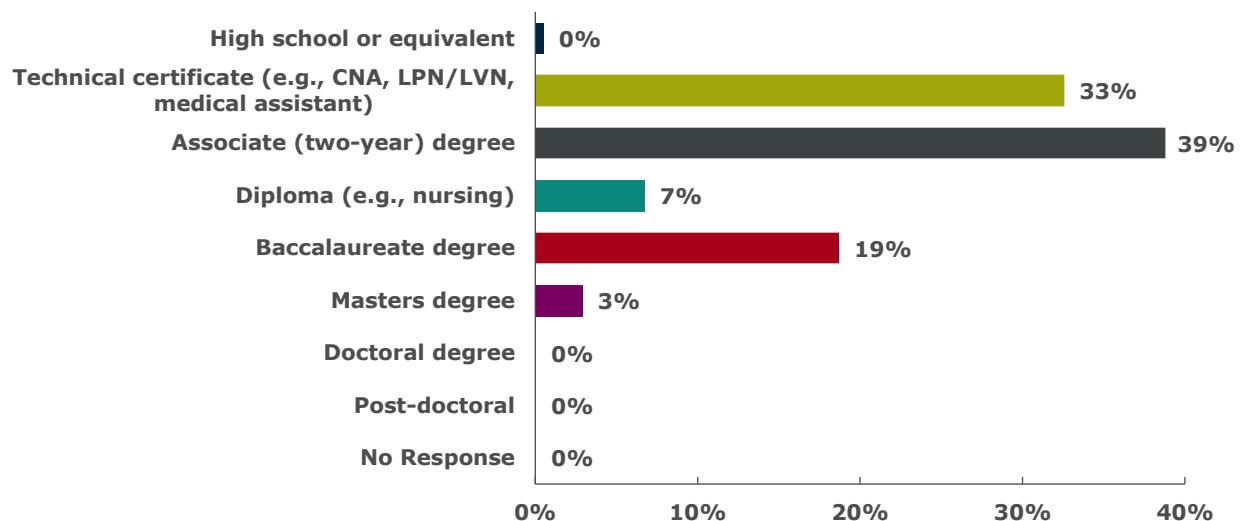


Table 10 - Which of these best describes your primary professional designation?

Response	Count	Pct
Certified Nursing Assistant (CNA)	4	2%
Doctor of Medicine (MD)	0	0%
Doctor of Osteopathy (DO)	0	0%
Doctor of Podiatric Medicine (DPM)	0	0%
Hyperbaric Technician (CHT)	1	0%
Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)	82	39%
Advanced Practice Nurse (NP, CNS)	3	1%
Occupational Therapist (OT)	0	0%
Occupational Therapist Assistant (OTA)	1	0%
Physical Therapist (PT)	0	0%
Medical Assistant	3	1%
Physical Therapist Assistant (PTA)	5	2%
Physician's Assistant/Associate (PA)	0	0%
Registered Dietitian (RD)	0	0%
Registered Nurse (RN)	97	46%
Respiratory Therapist (RT)	1	0%
Wound Care Technician/Aide	6	3%
Nonclinical (e.g., business, research, sales, educator)	6	3%
n=209		

Figure 4 - Which of these best describes your primary professional designation?

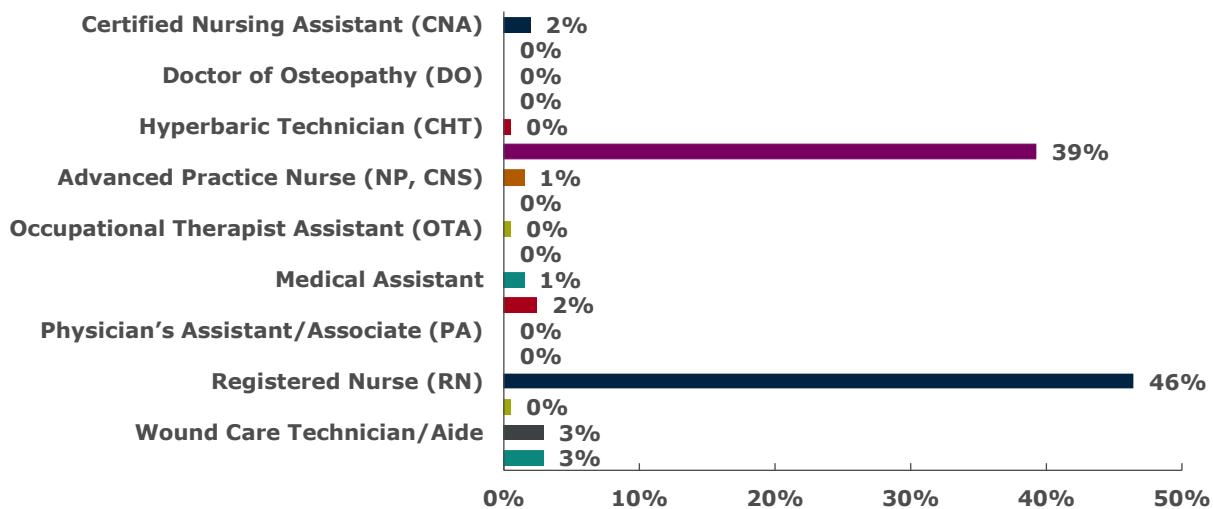


Table 11 - How many years of experience do you have in the field of Wound Management? (Binned)

Response	Count	Pct
1-3 years	8	3%
4-5 years	21	9%
6-10 years	68	30%
11-20 years	71	31%
>20 years	41	18%
n=209		

Figure 5 - How many years of experience do you have in the field of Wound Management? (Binned)

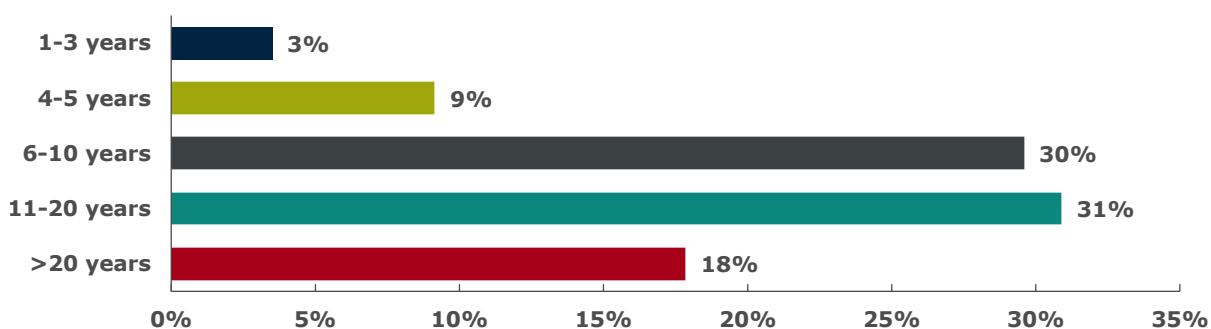


Table 12 - What percentage of your workday involves wound management?

Response	Count	Pct
Less than 10%	11	5%
10% to 24%	14	7%
25% to 49%	21	10%
50% to 74%	38	18%
75% to 99%	50	24%
100%	75	36%
n=209		

Figure 6 - What percentage of your workday involves wound management?

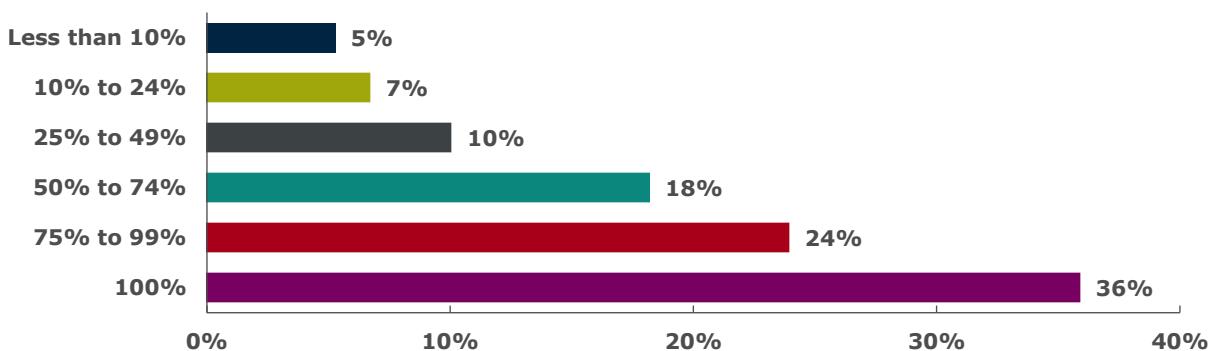


Table 13 - What is your primary place of practice/employment?

Response	Count	Pct
Hospital	43	21%
Long-Term Acute Care Hospital	14	7%
Long-Term Care Facility	47	22%
Home Health	28	13%
Wound Care Center	60	29%
Private Practice	10	5%
Educational Institution	0	0%
Industry	4	2%
Government Agency	3	1%
n=209		

Figure 7 - What is your primary place of practice/employment?

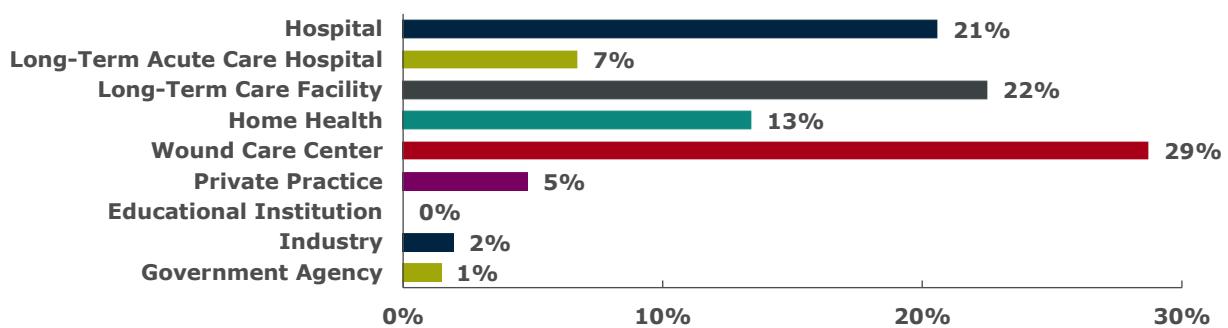


Table 14 - In which of these other settings do you also practice? (Select all that apply.)

Response	Count	Pct
Hospital	59	28%
Long Term Acute Care Hospital	12	6%
Long-term Care Facility	37	18%
Home Health	27	13%
Wound Care Center	49	23%
Private Practice	15	7%
Educational Institution	4	2%
Industry	6	3%
Government Agency	4	2%
None	69	33%
n=209		

Figure 8 - In which of these other settings do you also practice? (Select all that apply.)

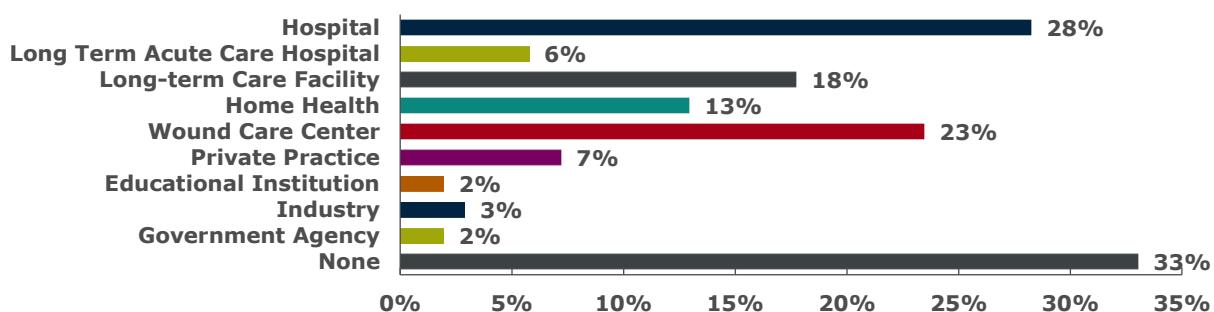


Table 15 - Which of these certifications do you hold? (Select all that apply.)

Response	Count	Pct
CWCA®	166	79%
CWS®	1	0%
CWSP®	1	0%
None of these	43	21%
n=209		

Figure 9 - Which of these certifications do you hold? (Select all that apply.)

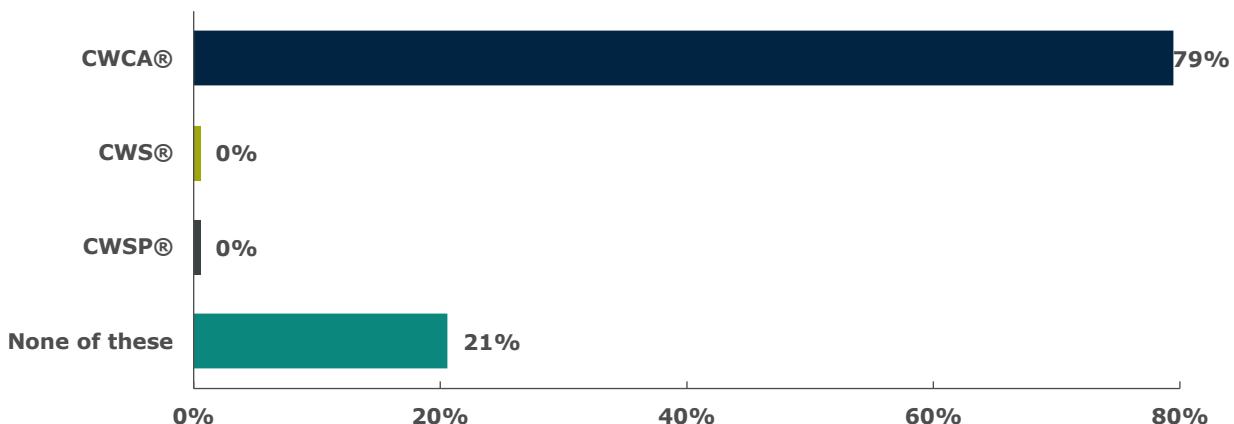


Table 16 - Do you currently hold another certification in wound care?

Response	Count	Pct
Yes (please specify)	39	19%
No	170	81%
n=209		

Figure 10 - Do you currently hold another certification in wound care?

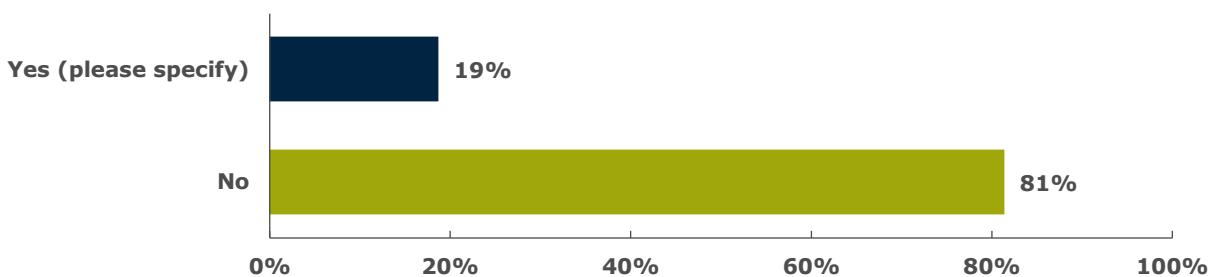


Table 17 - Do you currently hold another certification in wound care? (Please Specify)

Response	Count	Pct
WCC	10	26%
WSOC	2	5%
CWCN	2	5%
WCN-C, CSWD-C	2	5%
WCC, OMS	2	5%
ADVANCED CERTIFIED HYPERBARIC REGISTERED NURSE	1	3%
OSTOMY MANAGEMENT SPECIALIST	1	3%
WOUND CARE EDUCATORS CERTIFICATE	1	3%
WOUND CARE CERTIFIED, OSTOMY MANAGEMENT SPECIALIST, DIABETIC WOUND CERTIFIED	1	3%
WCC, IT WAS THE ONLY ONE OFFERED TO ME	1	3%
WAS INITIALLY A CWS	1	3%
VOHRA WOUND CERTIFIED	1	3%
SWOC	1	3%
OMS, WCC, DWC	1	3%
CERTIFIED HYPERBARIC TECHNOLOGIST	1	3%
OMS, ACHRN	1	3%
OMS	1	3%
OCA	1	3%
LONGTERM CARE SKIN, WOUND, OSTOMY	1	3%
HYPERBARICS	1	3%
DIABETIC WOUND CERTIFICATION	1	3%
CWOCN	1	3%
CWCS	1	3%
CSWS	1	3%
CONSERVATIVE SHARP DEBRIDEMENT	1	3%
WTA	1	3%
n=39		

Table 18 - What is your gender?

Response	Count	Pct
Male	18	9%
Female	187	90%
Non-binary	0	0%
Other	0	0%
Prefer not to respond	3	1%
n=208		

Figure 11 - What is your gender?

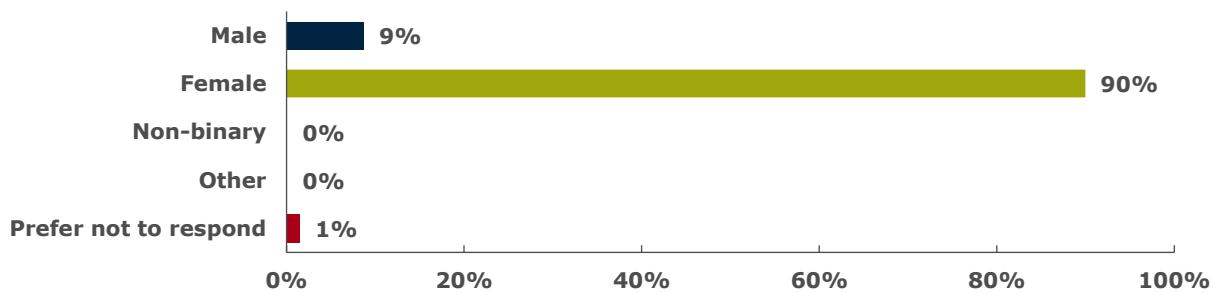


Table 19 - What is your age?

Response	Count	Pct
20-29	2	1%
30-39	37	18%
40-49	41	20%
50-59	84	40%
60+	39	19%
Prefer not to respond	5	2%
n=208		

Figure 12 - What is your age?

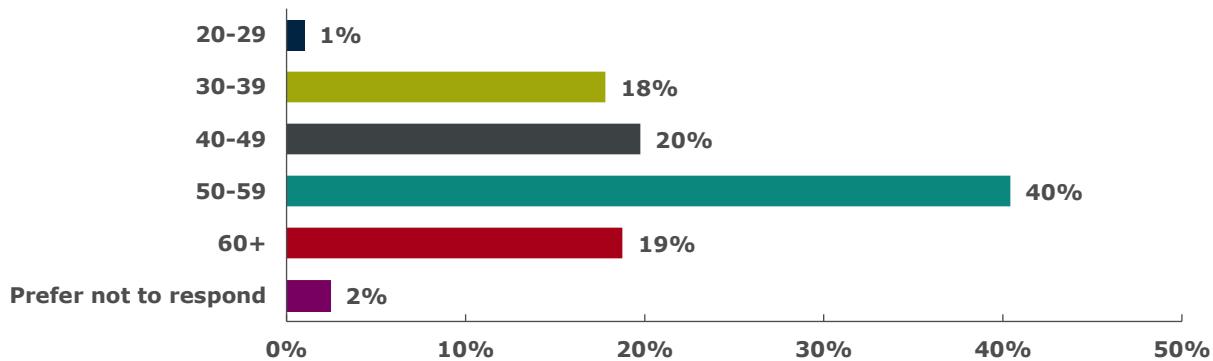


Table 20 - Which of the following best describes you?

Pearson

VUE

Confidential

Response	Count	Pct
African-American	11	5%
Asian	12	6%
Hispanic	14	7%
Native American	1	0%
White	157	75%
Other	3	1%
Prefer not to respond	10	5%
n=208		

Figure 13 - Which of the following best describes you?

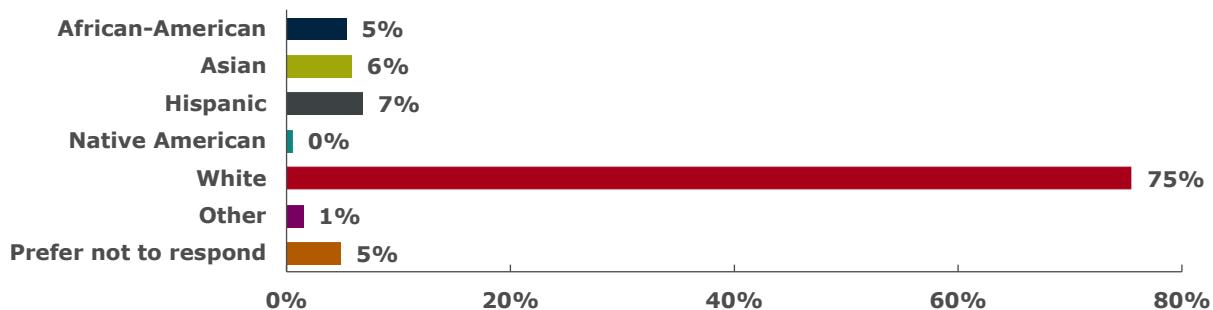


Table 21 - Reliability

Domain	Knowledge Topics	Alpha
1. Wound Healing Environment	2	0.529
2. Assessment and Diagnosis	8	0.888
3. Patient Management	13	0.868
4. Etiological Considerations	15	0.942
5. Professional Issues	7	0.815
<b>Total</b>	<b>45</b>	<b>0.960</b>

## Appendix I2. CWS Demographic Results

Table 22 - The ABWM offers three certification programs for practitioners with wound management experience. Please select the highest certification that you would qualify for (or already hold):

Response	Count	Pct
CWS® - Certified Wound Specialist® -- a Bachelor's degree in a life science field, and a license or certification as one of these: RN, NP, CNS, PA, PT, OT, DMD, VMD.	819	100%
n=819		

Table 23 - How well did this list of knowledge topic statements cover the knowledge required to perform critical tasks in your role as a CWS®?

Response	Count	Pct
Completely	447	56%
Adequately	346	44%
Inadequately	2	0%
n=795		

Figure 14 - How well did this list of knowledge topic statements cover the knowledge required to perform critical tasks in your role as a CWS®?

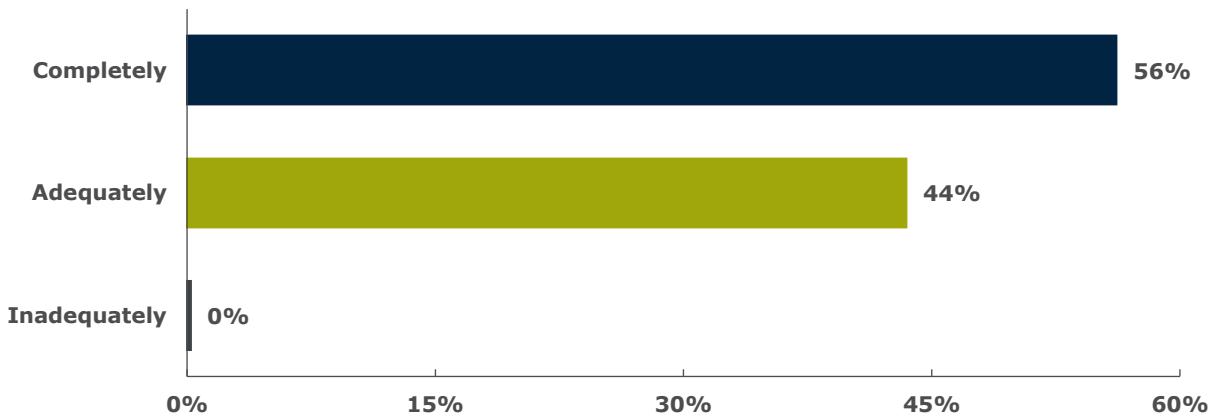


Table 24 - In which state do you primarily practice?

Response	Count	Pct
Texas	72	10%
California	50	7%
Florida	46	6%
Pennsylvania	41	5%
New York	33	4%
Illinois	27	4%
Ohio	27	4%
Georgia	26	3%
New Jersey	21	3%
Indiana	20	3%
Michigan	20	3%
Tennessee	20	3%
Maryland	19	3%
Louisiana	18	2%
Arizona	16	2%
Idaho	16	2%
North Carolina	16	2%
Virginia	16	2%
Minnesota	15	2%
Missouri	15	2%
Washington	15	2%
Massachusetts	14	2%
Colorado	11	1%
New Mexico	11	1%
Arkansas	10	1%
Connecticut	10	1%
Wisconsin	10	1%
Iowa	8	1%
Kansas	8	1%
Utah	8	1%
Alaska	7	1%
Kentucky	7	1%
Maine	7	1%
South Carolina	7	1%
West Virginia	6	1%
Alabama	5	1%
Montana	5	1%
Nevada	5	1%
Oklahoma	5	1%
Oregon	5	1%
Mississippi	4	1%
New Hampshire	4	1%
Delaware	3	0%
Hawaii	3	0%
North Dakota	3	0%
Rhode Island	3	0%
South Dakota	3	0%
Wyoming	3	0%
Nebraska	2	0%
Vermont	2	0%
Outside of US	19	3%
n=747		

Figure 15 - In which state do you primarily practice?

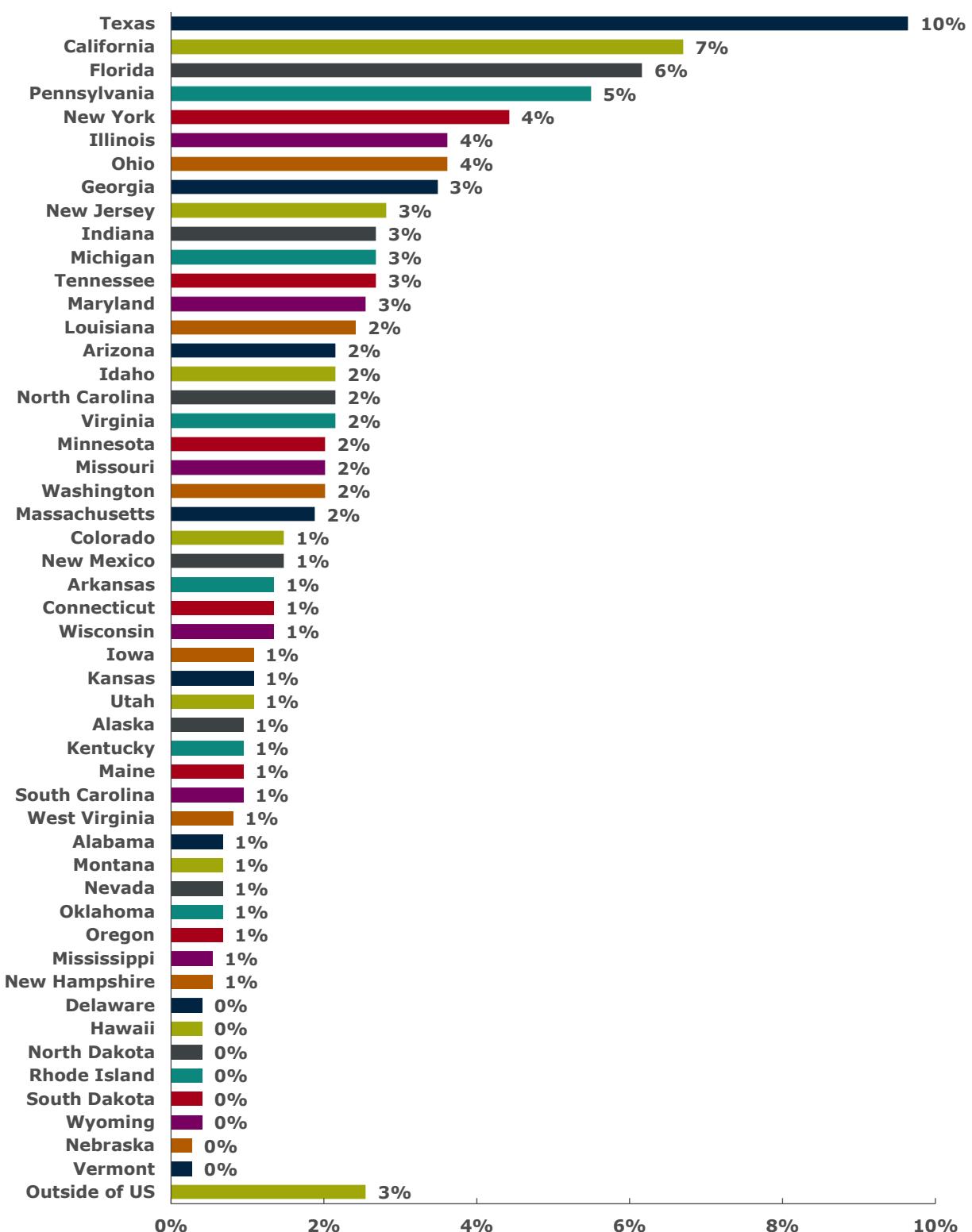


Table 25 - Which of the following best describes your highest level of education?

Response	Count	Pct
High school or equivalent	0	0%
Technical certificate (e.g., CNA, LPN/LVN, medical assistant)	3	0%
Associate (two-year) degree	43	6%
Diploma (e.g., nursing)	10	1%
Baccalaureate degree	240	32%
Masters degree	275	37%
Doctoral degree	165	22%
Post-doctoral	11	1%
No Response	0	0%
n=747		

Figure 16 - Which of the following best describes your highest level of education?

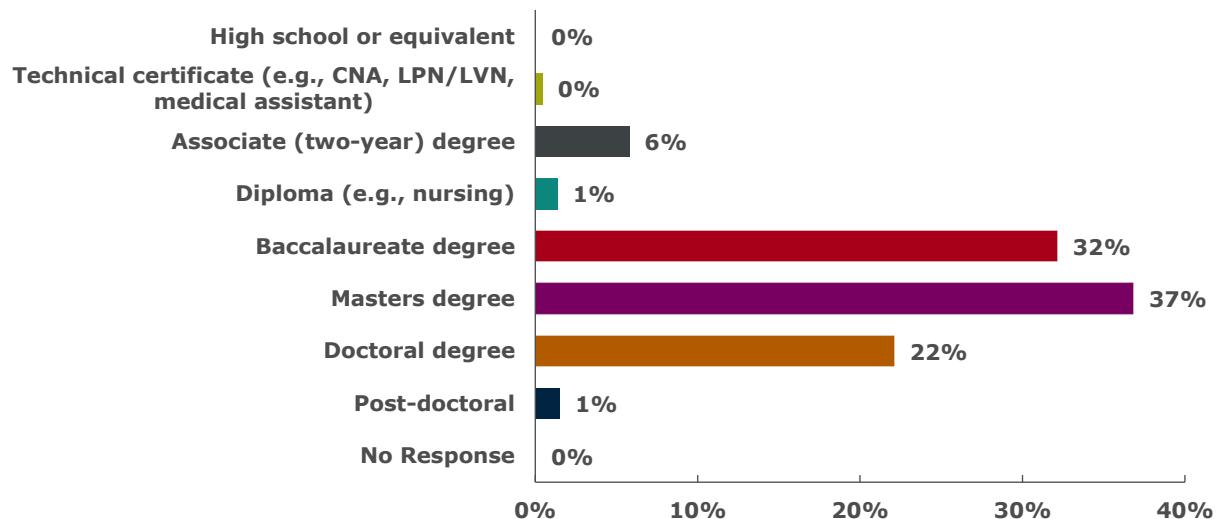


Table 26 - Which of these best describes your primary professional designation?

Response	Count	Pct
Certified Nursing Assistant (CNA)	0	0%
Doctor of Medicine (MD)	6	1%
Doctor of Osteopathy (DO)	3	0%
Doctor of Podiatric Medicine (DPM)	23	3%
Hyperbaric Technician (CHT)	0	0%
Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)	8	1%
Advanced Practice Nurse (NP, CNS)	164	22%
Occupational Therapist (OT)	4	1%
Occupational Therapist Assistant (OTA)	0	0%
Physical Therapist (PT)	210	28%
Medical Assistant	0	0%
Physical Therapist Assistant (PTA)	4	1%
Physician's Assistant/Associate (PA)	25	3%
Registered Dietitian (RD)	1	0%
Registered Nurse (RN)	296	40%
Respiratory Therapist (RT)	0	0%
Wound Care Technician/Aide	0	0%
Nonclinical (e.g., business, research, sales, educator)	3	0%
n=747		

Figure 17 - Which of these best describes your primary professional designation?

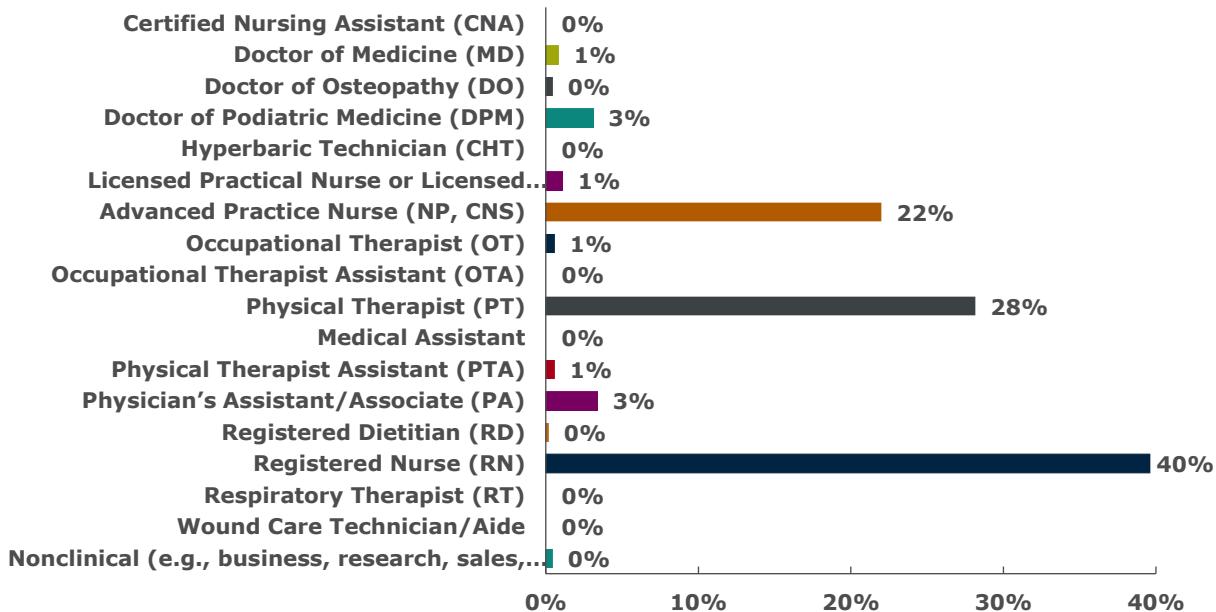


Table 27 - How many years of experience do you have in the field of Wound Management? (Binned)

Response	Count	Pct
1-3 years	29	4%
4-5 years	50	6%
6-10 years	165	20%
11-20 years	299	37%
>20 years	204	25%
n=747		

Figure 18 - How many years of experience do you have in the field of Wound Management? (Binned)

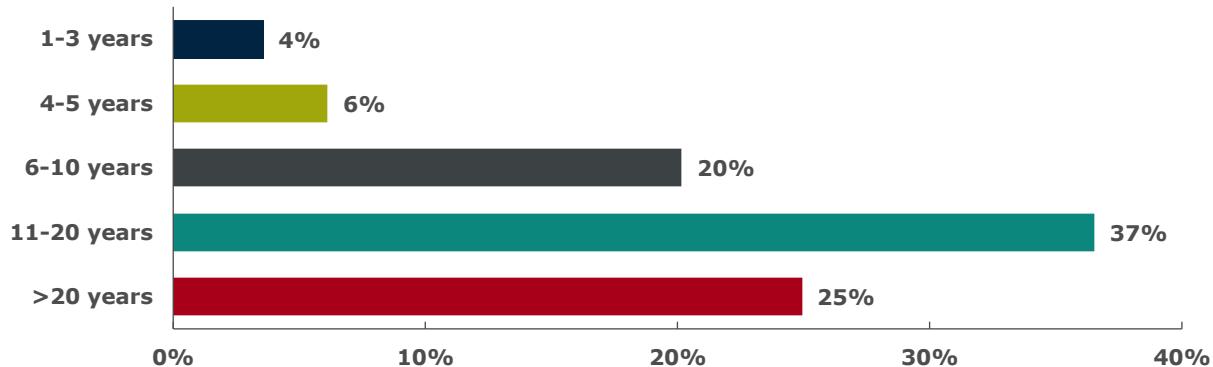


Table 28 - What percentage of your workday involves wound management?

Response	Count	Pct
Less than 10%	81	11%
10% to 24%	87	12%
25% to 49%	64	9%
50% to 74%	88	12%
75% to 99%	140	19%
100%	287	38%
n=747		

Figure 19 - What percentage of your workday involves wound management?

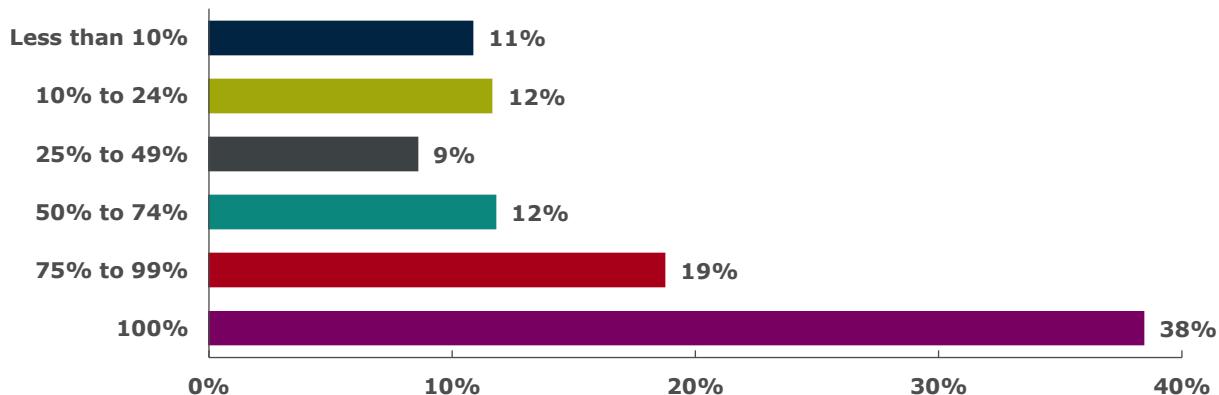


Table 29 - What is your primary place of practice/employment?

Response	Count	Pct
Hospital	208	28%
Long-Term Acute Care Hospital	17	2%
Long-Term Care Facility	109	15%
Home Health	50	7%
Wound Care Center	231	31%
Private Practice	66	9%
Educational Institution	23	3%
Industry	18	2%
Government Agency	25	3%
n=747		

Figure 20 - What is your primary place of practice/employment?

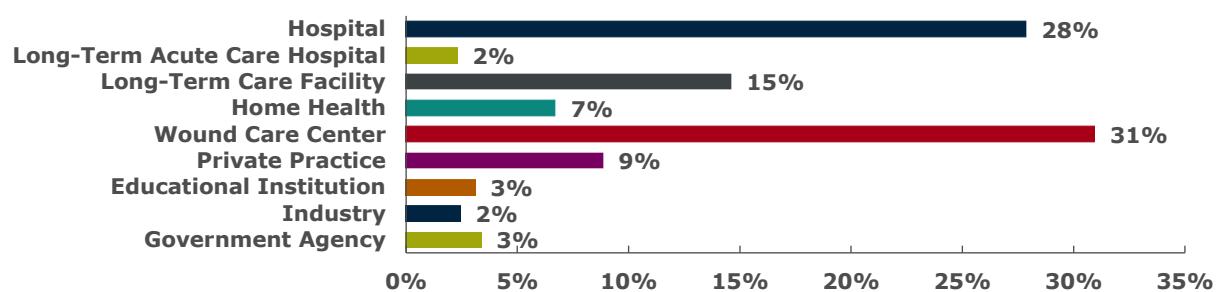


Table 30 - In which of these other settings do you also practice? (Select all that apply.)

Response	Count	Pct
Hospital	225	30%
Long Term Acute Care Hospital	42	6%
Long-term Care Facility	89	12%
Home Health	62	8%
Wound Care Center	164	22%
Private Practice	47	6%
Educational Institution	30	4%
Industry	16	2%
Government Agency	24	3%
None	242	32%
n=747		

Figure 21 - In which of these other settings do you also practice? (Select all that apply.)

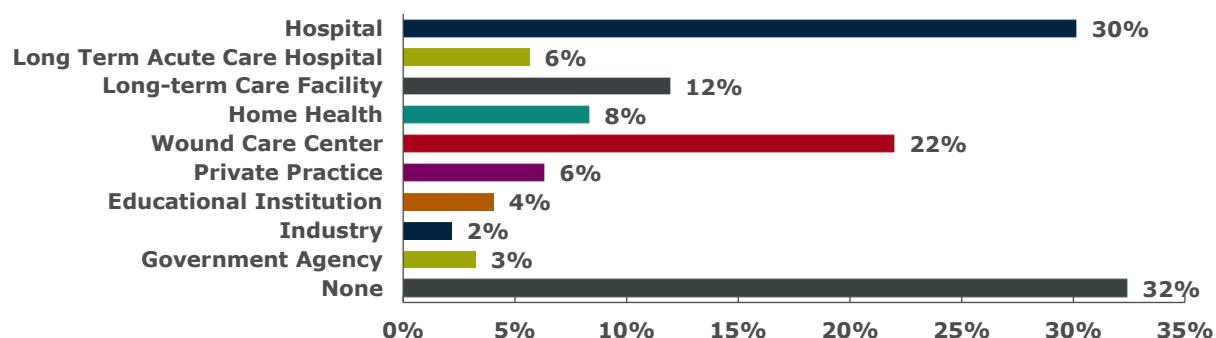


Table 31 - Which of these certifications do you hold? (Select all that apply.)

Response	Count	Pct
CWCA®	19	3%
CWS®	596	80%
CWSP®	0	0%
None of these	133	18%
n=747		

Figure 22 - Which of these certifications do you hold? (Select all that apply.)

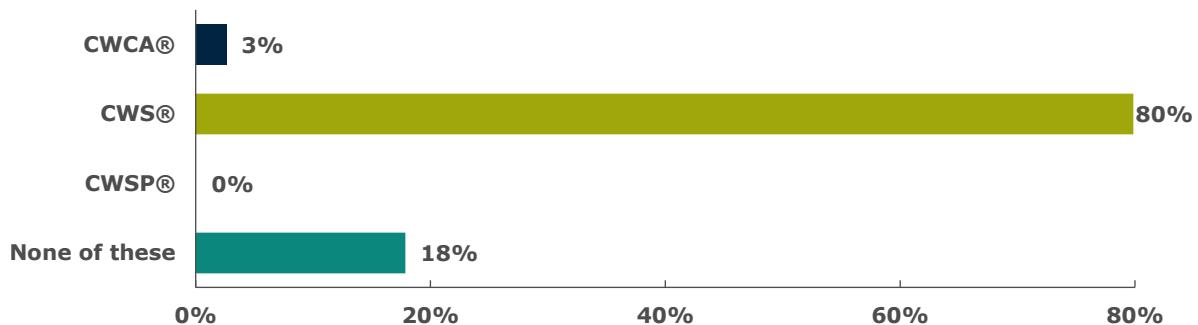


Table 32 - Do you currently hold another certification in wound care?

Response	Count	Pct
Yes (please specify)	188	25%
No	559	75%
n=747		

Figure 23 - Do you currently hold another certification in wound care?

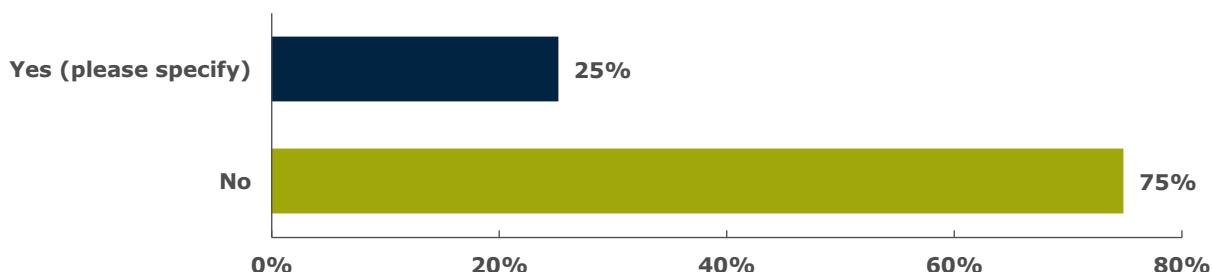


Table 33 - Do you currently hold another certification in wound care? (Please Specify)

Response	Count	Pct
WCC	39	21%
CWOCN	18	10%
CWCN	14	7%
CWON	8	4%
CWCN-AP	5	3%
CLT	4	2%
CSWS	4	2%
WCC OMS	4	2%
WCC, DWC	4	2%
WOZN	3	2%
FACCWS	2	1%
CWON-AP	2	1%
CWOCN-AP	2	1%
IIWCC	2	1%
FAPWCA	2	1%
COCN	2	1%
WCC, CSWS	2	1%
CLT-LANA	2	1%
CLWT	2	1%
CHRN	2	1%
ACHRN	2	1%
ACHRN (HYPERBARICS)	2	1%
C-WOZN	2	1%
CHT	2	1%
WCC, OMS, DWC, AWCC	1	1%
OSTOMY MANAGEMENT SPECIALIST	1	1%
HYPERBARIC'S	1	1%
WTA AND CURRENTLY WORKING ON WOZN	1	1%
NCS	1	1%
NEED TO RENEW MY CWS	1	1%
WOUND CARE SPECIALIST IN PUERTO RICO	1	1%
OMS	1	1%
OMS-C, DWC, CHRN	1	1%
OSTOMY AND CONTINENCE CARE	1	1%
WOUND CARE CERTIFIED BY NATIONAL ALLIANCE OF WOUND CARE AND OSTOMY	1	1%
VOHRA	1	1%
WOUND CARE CERTIFIED (NAWCO)	1	1%
WOUND CARE CERTIFIED	1	1%
WCC (EXPIRED)	1	1%
WCC FROM NAWCCB	1	1%
WOZN, WCC	1	1%
WCC NAWCO	1	1%
WOZN AND ACHRN	1	1%
WCN-C, WSOC, FACCWS, DAPWCA	1	1%
WCEI WND CERTIFICATE	1	1%
GCS	1	1%
WCC-WCEI	1	1%
WCC, WTA.	1	1%
HYPERBARIC TECHNICIAN	1	1%
@WCC	1	1%
FROM PUERTO RICO	1	1%
CLT, CWCN EXPIRED	1	1%
ABPM-CAQ	1	1%

Response	Count	Pct
APWCA	1	1%
CERTIFICATION AS A WOUND SPECIALIST IN SOUTH AFRICA	1	1%
CERTIFICATION IN WOUND CARE (BARBADOS)	1	1%
CERTIFIED EDEMA SPECIALIST	1	1%
CERTIFIED HYPERBARIC REGISTER NURSE	1	1%
CERTIFIED HYPERBARIC TECHNOLOGIST	1	1%
CERTIFIED LYMPHEDEMA THERAPIST	1	1%
CERTIFIED WOUND AND OSTOMY NURSE. CWON	1	1%
CFCS	1	1%
CFNS	1	1%
CHRN FOR HYPERBARIC	1	1%
CHT -CERTIFIED HYPERBARIC TECH; OCA - OSTOMY CARE ASSOCIATE	1	1%
CLT-LANA (CERTIFIED LYMPHEDEMA THERAPIST-LYMPHEDEMA ACADEMY OF NORTH AMERICA)	1	1%
FINISHING CWOCN	1	1%
CNA, CMS,LPN	1	1%
CSWS, CWLT,	1	1%
CWCN - THIS CERTIFICATION JUST EXPIRED IN AUG 2021	1	1%
CWCN, CFCN	1	1%
CWCN, COCN	1	1%
CWCN-AP , COCN-AP	1	1%
CWCN-AP, CFCN	1	1%
CWOCN CFCN CON (CWON)	1	1%
CWOCN-AP, CFCN	1	1%
ABPM ADDED CREDENTIAL OF LIMB SALVAGE AND WOUND CARE	1	1%
DMT-A, CRRN	1	1%
ENTEROSTOMAL NURSE	1	1%
FACCWS, CSWD-C	1	1%
WWC, CCRN	1	1%
n=188		

Table 34 - What is your gender?

Response	Count	Pct
Male	109	15%
Female	625	84%
Non-binary	2	0%
Other	0	0%
Prefer not to respond	10	1%
n=746		

Figure 24 - What is your gender?

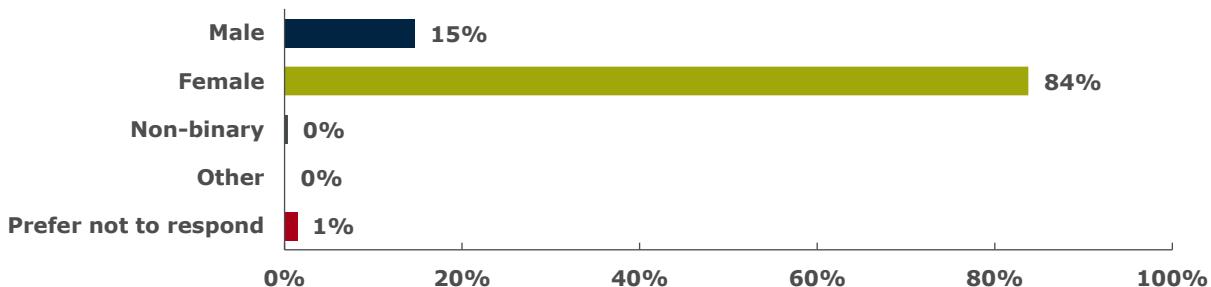


Table 35 - What is your age?

Response	Count	Pct
20-29	9	1%
30-39	123	17%
40-49	201	27%
50-59	245	33%
60+	157	21%
Prefer not to respond	10	1%
n=745		

Figure 25 - What is your age?

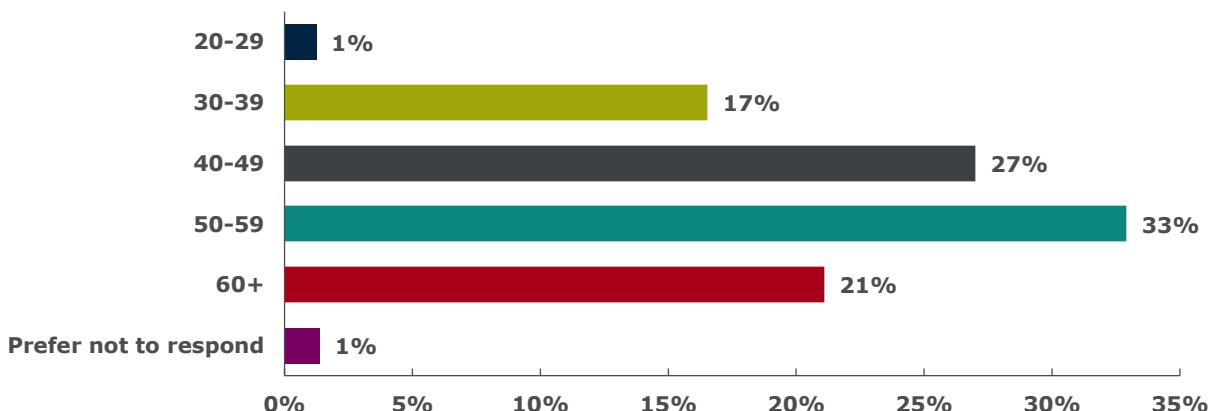


Table 36 - Which of the following best describes you?

Response	Count	Pct
African-American	25	3%
Asian	55	7%
Hispanic	40	5%
Native American	5	1%
White	568	76%
Other	12	2%
Prefer not to respond	40	5%
n=745		

Figure 26 - Which of the following best describes you?

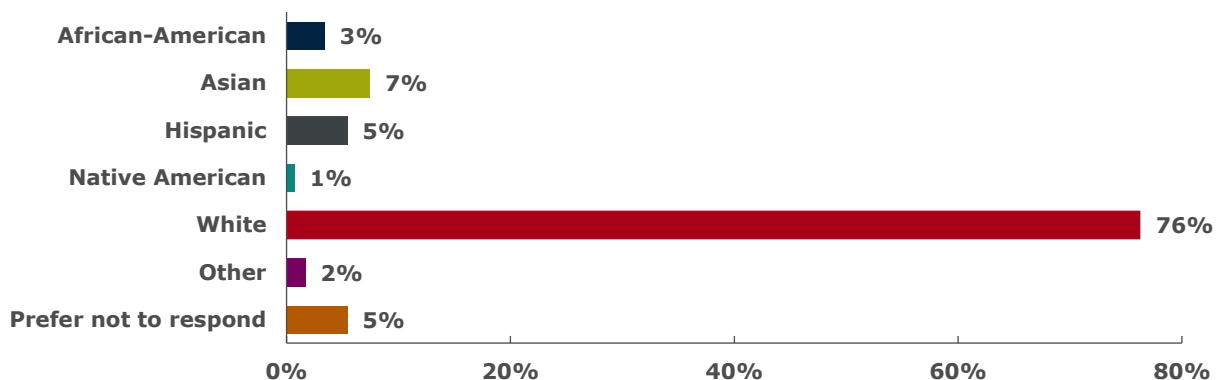


Table 37 - Do you have a specialty area outside of wound care? (If primary professional designation in Doctor of Medicine (MD), Doctor of Osteopathy (DO), or Doctor of Podiatric Medicine (DPM))

Response	Count	Pct
Yes	22	69%
No	10	31%
n=32		

Figure 27 - Do you have a specialty area outside of wound care? (If primary professional designation in Doctor of Medicine (MD), Doctor of Osteopathy (DO), or Doctor of Podiatric Medicine (DPM))

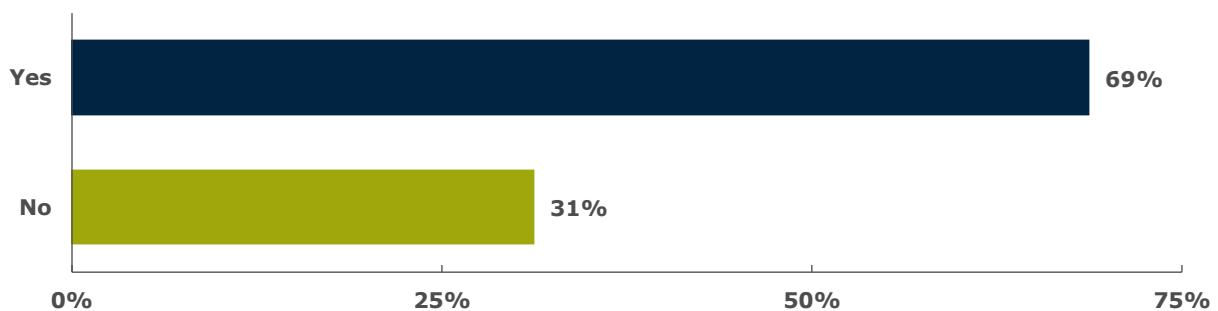


Table 38 - What is your specialty area? (If primary professional designation in Doctor of Medicine (MD), Doctor of Osteopathy (DO), or Doctor of Podiatric Medicine (DPM))

Response	Count	Pct
PODIATRY	5	23%
PODIATRIC SURGERY	3	14%
FOOT AND ANKLE SURGERY	2	9%
FOOT SURGERY	2	9%
EMERGENCY MEDICINE	1	5%
EMERGENCY MEDICINE / UHM	1	5%
EMERGENCY MEDICINE AND HYPERBARIC MEDICINE	1	5%
GENERAL AND VASCULAR SURGERY	1	5%
HIPERBARIC MEDICINE	1	5%
INFECTIOUS DISEASE	1	5%
OBSTETRICS AND GYNECOLOGY	1	5%
PODIATRIC MEDICINE AND SURGERY	1	5%
SURGERY- GENERAL	1	5%
WOUND CARE. EM/UNDERSEA AND HYPERBARIC MEDICINE	1	5%
n=22		

Table 39 - Please list your specialty board certifications: (If primary professional designation in Doctor of Medicine (MD), Doctor of Osteopathy (DO), or Doctor of Podiatric Medicine (DPM))

Response	Count	Pct
ABFAS	2	10%
AMERICAN BOARD OF FOOT AND ANKLE SURGERY	2	10%
ABEM, PCHM, CWS	1	5%
ABFAS;ABPM	1	5%
ABLES	1	5%
ABPM	1	5%
ABPM, ABMSP	1	5%
ABPM, ABPM—CAQ	1	5%
ACFAS	1	5%
AMERICAN BOARD OF MULTIPLE SPECIALTIES IN PODIATRY	1	5%
AMERICAN BOARD OF OBSTETRICIANS AND GYNECOLOGISTS	1	5%
EM/ UHM	1	5%
FACFAS, FACPM	1	5%
GENERAL A D VASCULAR SURGERY	1	5%
HBON,BSN, WOCN	1	5%
INTERNAL MEDICINE	1	5%
MBBS, POST GRADUATE DIP SURGERY	1	5%
SURGERY, PODIATRY	1	5%
WOUND CARE EM / UHM	1	5%
n=21		

Table 40 - Reliability

Domain	Knowledge Topics	Alpha
1. Wound Healing Environment	2	0.668
2. Assessment and Diagnosis	8	0.855
3. Patient Management	13	0.836
4. Etiological Considerations	15	0.920
5. Professional Issues	7	0.838
<b>Total</b>	<b>45</b>	<b>0.951</b>

## Appendix I3. CWSP Demographic Results

Table 41 - The ABWM offers three certification programs for practitioners with wound management experience. Please select the highest certification that you would qualify for (or already hold):

Response	Count	Pct
CWSP® - Certified Wound Specialist Physician -- MD, DO, or DPM.	309	100%
n=309		

Table 42 - How well did this list of knowledge topic statements cover the knowledge required to perform critical tasks in your role as a CWSP®?

Response	Count	Pct
Completely	165	55%
Adequately	135	45%
Inadequately	2	1%
n=302		

Figure 28 - How well did this list of knowledge topic statements cover the knowledge required to perform critical tasks in your role as a CWSP®?

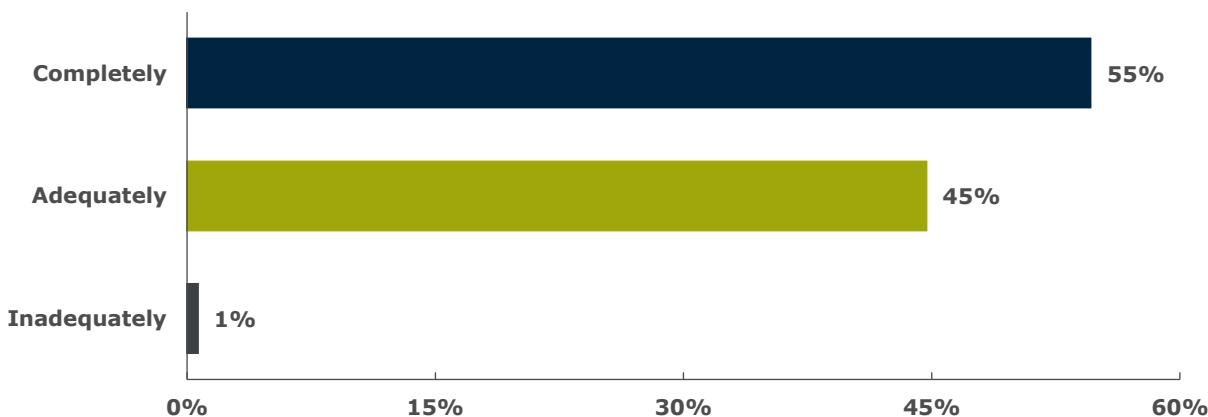


Table 43 - In which state do you primarily practice?

Response	Count	Pct
Florida	24	8%
Texas	22	8%
California	18	6%
New York	17	6%
Massachusetts	13	5%
Georgia	12	4%
Illinois	11	4%
Michigan	9	3%
Indiana	8	3%
Missouri	8	3%
Ohio	8	3%
Arizona	7	2%
North Carolina	7	2%
Virginia	7	2%
South Carolina	6	2%
Alabama	5	2%
Colorado	5	2%
Montana	5	2%
New Jersey	5	2%
Pennsylvania	5	2%
Wisconsin	5	2%
Iowa	4	1%
Louisiana	4	1%
Maryland	4	1%
Mississippi	4	1%
Utah	4	1%
Washington	4	1%
Minnesota	3	1%
New Hampshire	3	1%
Idaho	2	1%
Kansas	2	1%
Nevada	2	1%
New Mexico	2	1%
Oklahoma	2	1%
Rhode Island	2	1%
Tennessee	2	1%
Alaska	1	0%
Arkansas	1	0%
Connecticut	1	0%
Hawaii	1	0%
Kentucky	1	0%
Nebraska	1	0%
Oregon	1	0%
South Dakota	1	0%
West Virginia	1	0%
Wyoming	1	0%
Outside of US	24	8%
n=285		

Figure 29 - In which state do you primarily practice?

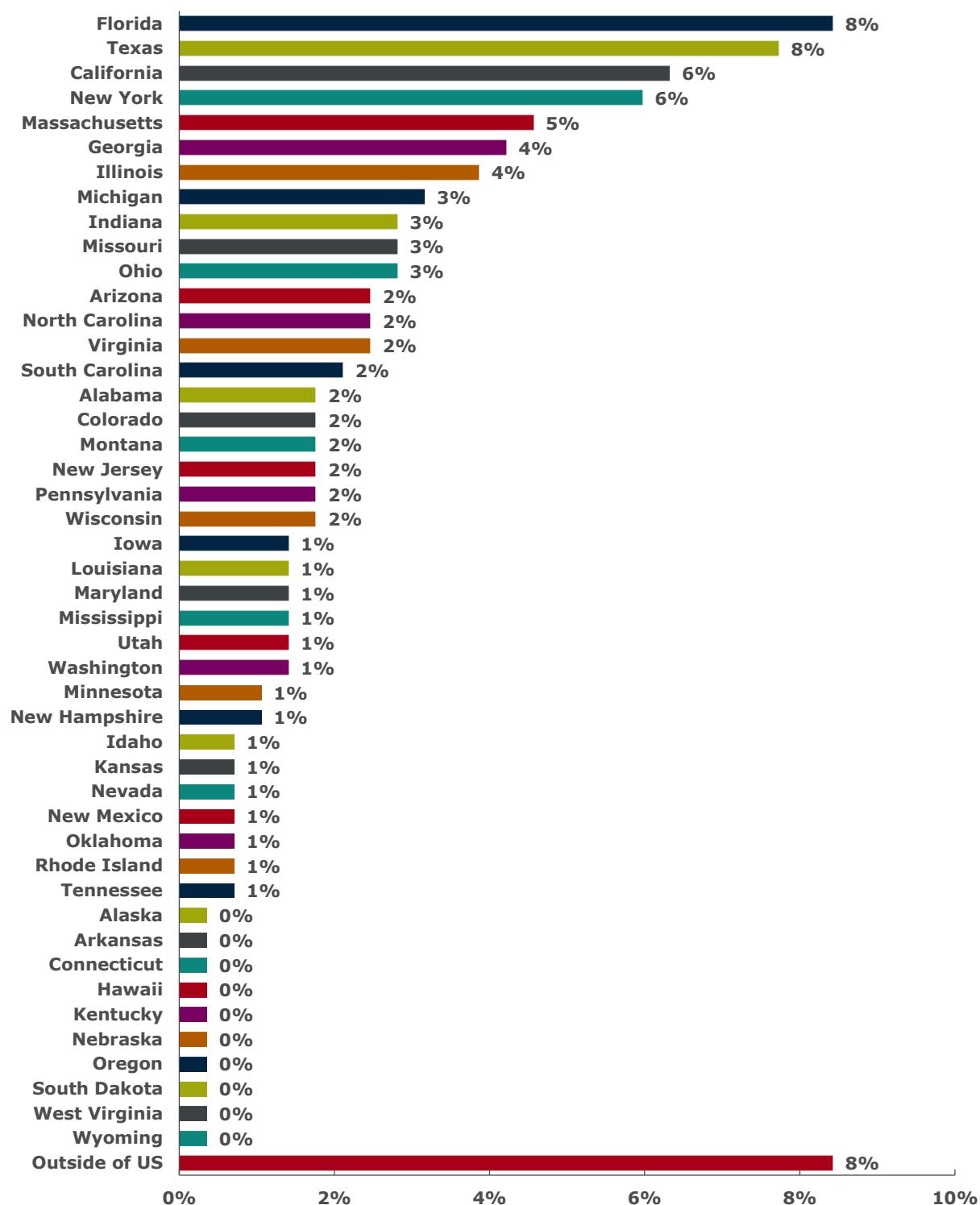


Table 44 - Which of the following best describes your highest level of education?

Response	Count	Pct
High school or equivalent	0	0%
Technical certificate (e.g., CNA, LPN/LVN, medical assistant)	0	0%
Associate (two-year) degree	0	0%
Diploma (e.g., nursing)	0	0%
Baccalaureate degree	4	1%
Masters degree	8	3%
Doctoral degree	200	70%
Post-doctoral	73	26%
n=285		

Figure 30 - Which of the following best describes your highest level of education?

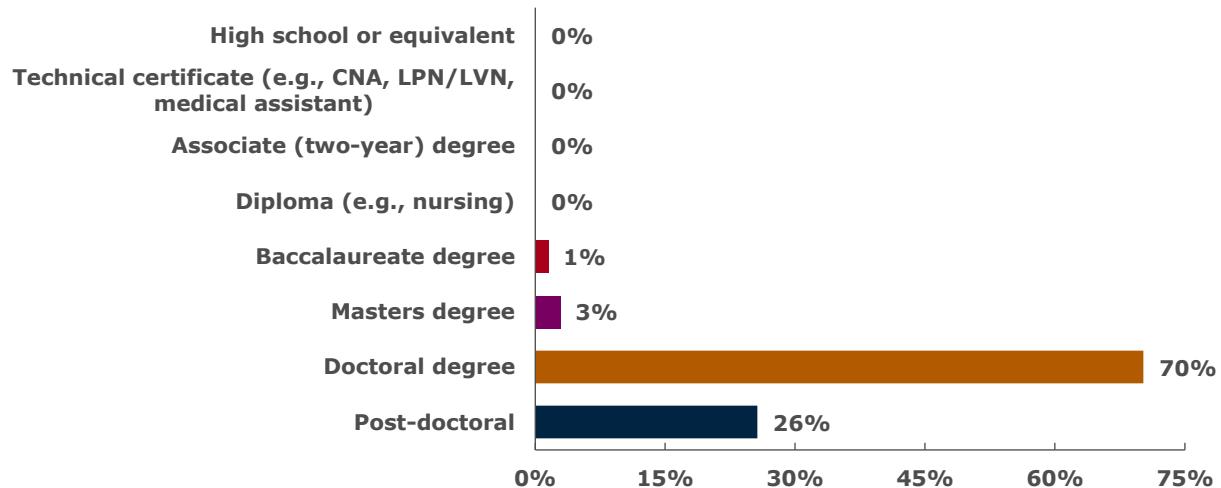


Table 45 - Which of these best describes your primary professional designation?

Response	Count	Pct
Certified Nursing Assistant (CNA)	0	0%
Doctor of Medicine (MD)	158	55%
Doctor of Osteopathy (DO)	24	8%
Doctor of Podiatric Medicine (DPM)	101	35%
Hyperbaric Technician (CHT)	0	0%
Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)	0	0%
Advanced Practice Nurse (NP, CNS)	0	0%
Occupational Therapist (OT)	0	0%
Occupational Therapist Assistant (OTA)	0	0%
Physical Therapist (PT)	0	0%
Medical Assistant	0	0%
Physical Therapist Assistant (PTA)	0	0%
Physician's Assistant/Associate (PA)	0	0%
Registered Dietitian (RD)	0	0%
Registered Nurse (RN)	1	0%
Respiratory Therapist (RT)	1	0%
Wound Care Technician/Aide	0	0%
Nonclinical (e.g., business, research, sales, educator)	0	0%
n=285		

Figure 31 - Which of these best describes your primary professional designation?

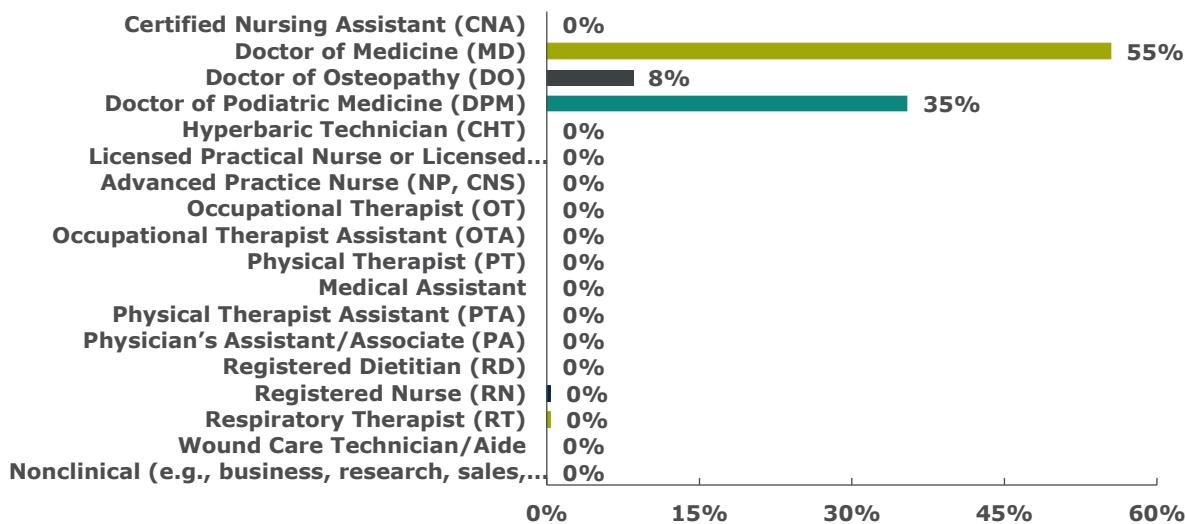


Table 46 - How many years of experience do you have in the field of Wound Management? (Binned)

Response	Count	Pct
1-3 years	18	6%
4-5 years	23	7%
6-10 years	66	21%
11-20 years	86	28%
>20 years	92	30%
n=285		

Figure 32 - How many years of experience do you have in the field of Wound Management? (Binned)

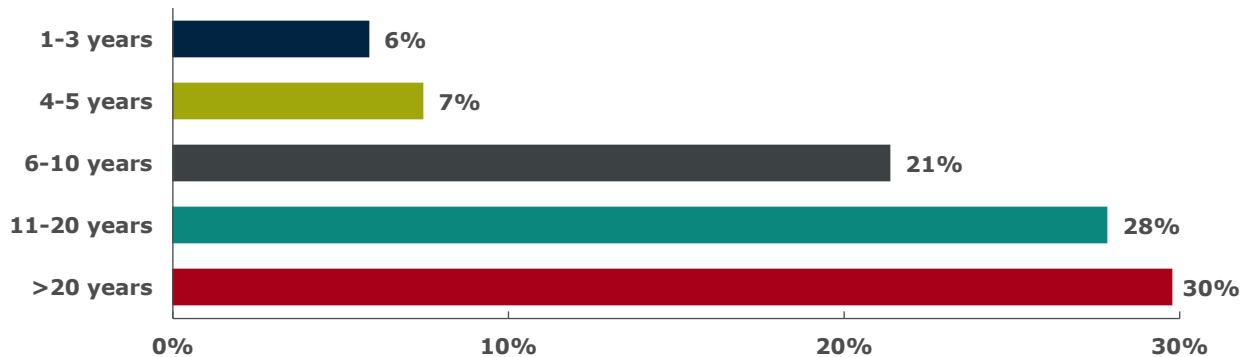


Table 47 - What percentage of your workday involves wound management?

Response	Count	Pct
Less than 10%	10	4%
10% to 24%	55	19%
25% to 49%	53	19%
50% to 74%	52	18%
75% to 99%	35	12%
100%	80	28%
n=285		

Figure 33 - What percentage of your workday involves wound management?

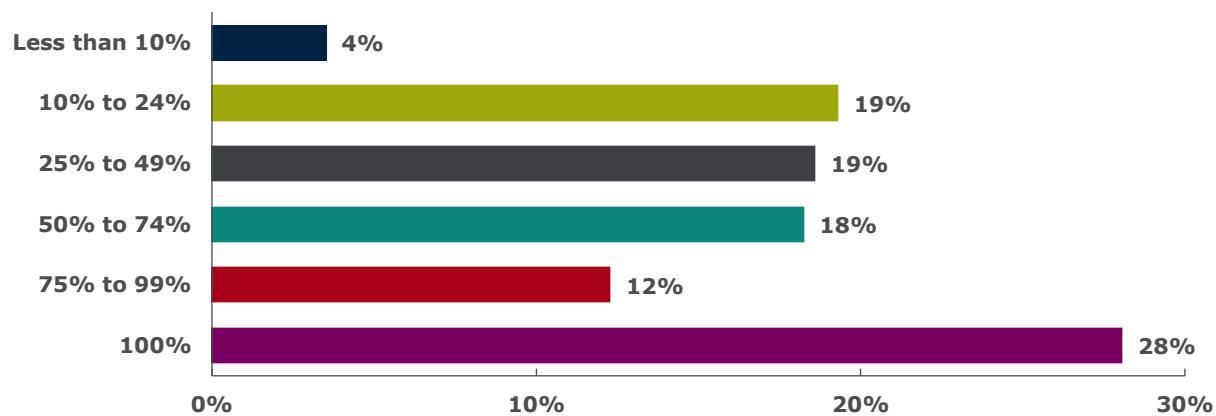


Table 48 - What is your primary place of practice/employment?

Response	Count	Pct
Hospital	59	21%
Long-Term Acute Care Hospital	2	1%
Long-Term Care Facility	21	7%
Home Health	5	2%
Wound Care Center	102	36%
Private Practice	78	27%
Educational Institution	5	2%
Industry	3	1%
Government Agency	10	4%
n=285		

Figure 34 - What is your primary place of practice/employment?

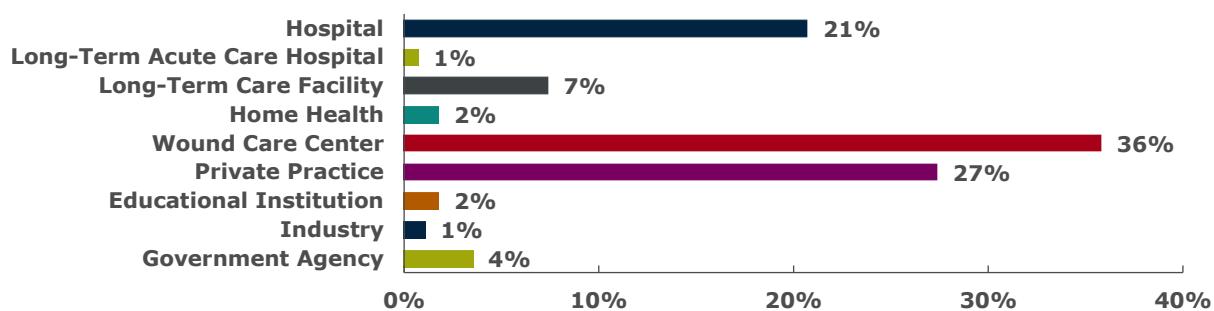


Table 49 - In which of these other settings do you also practice? (Select all that apply.)

Response	Count	Pct
Hospital	139	49%
Long Term Acute Care Hospital	22	8%
Long-term Care Facility	44	15%
Home Health	27	9%
Wound Care Center	101	35%
Private Practice	67	24%
Educational Institution	28	10%
Industry	6	2%
Government Agency	17	6%
None	46	16%
n=285		

Figure 35 - In which of these other settings do you also practice? (Select all that apply.)

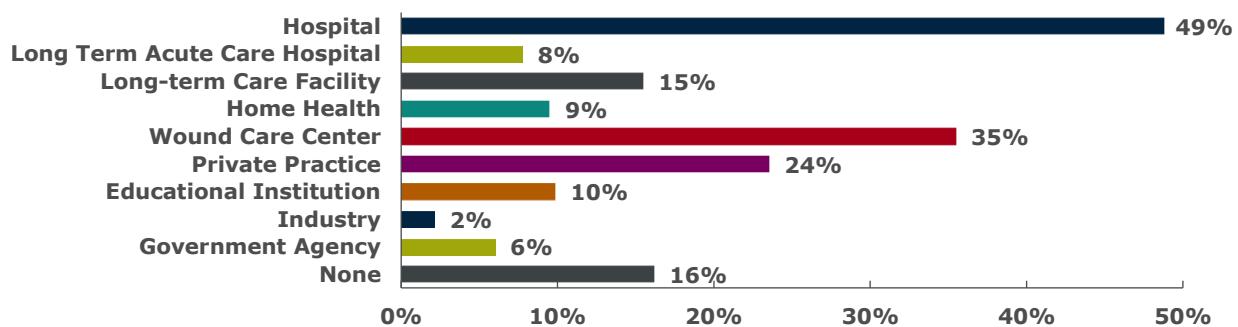


Table 50 - Which of these certifications do you hold? (Select all that apply.)

Response	Count	Pct
CWCA®	0	0%
CWS®	28	10%
CWSP®	190	67%
None of these	68	24%
n=285		

Figure 36 - Which of these certifications do you hold? (Select all that apply.)

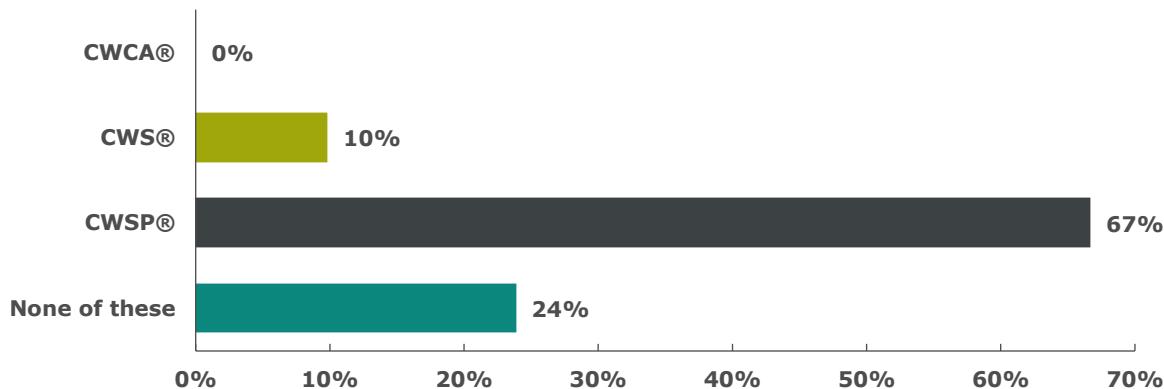


Table 51 - Do you currently hold another certification in wound care?

Response	Count	Pct
Yes (please specify)	61	21%
No	224	79%
n=285		

Figure 37 - Do you currently hold another certification in wound care?

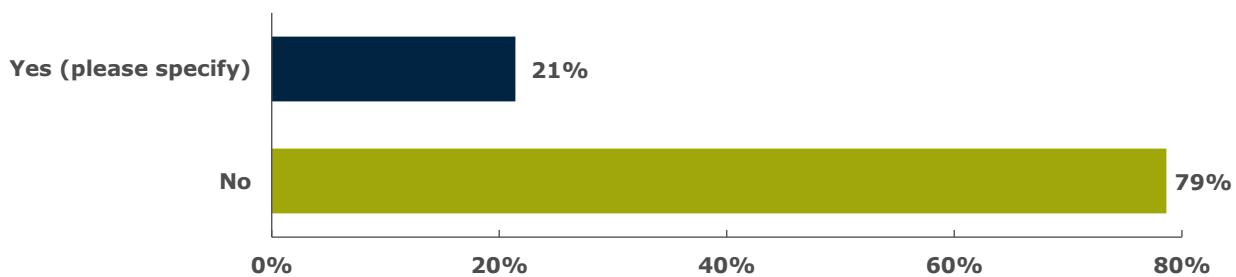


Table 52 - Do you currently hold another certification in wound care? (Please Specify)

Response	Count	Pct
PCWC	5	8%
FAPWCA	3	5%
ABWMS	3	5%
ABMSP (DIABETIC FOOT WOUNDS)	2	3%
ABWH	2	3%
CMET	2	3%
APWCA	2	3%
MSC WOUND HEALING AND TISSUE REPAIR	1	2%
FAPWH, CWLT, CHWS, FAPWCA	1	2%
FELLOW, AMERICAN ACADEMY FOR PHYSICIANS IN WOUND HEALING	1	2%
FELLOWSHIP IN ANKLE FOOT & POST GRADUATE IN DIABETIC FOOT MANAGEMENT	1	2%
GNAUPP	1	2%
I WORK IN ABU DHABI ( CLEVELAND CLINIC), HOLDING OHIO LICENSE	1	2%
IIWCC	1	2%
JUST HYPERBARIC CERTIFICATION. WILL GET WOUND CARE CERTIFICATION WITH YOU GUYS SOON	1	2%
ABMSP	1	2%
PATHOLOGY CERTIFICATIONS (AP AND CYTOPATHOLOGY)	1	2%
FACEP, BOARD CERTIFIED HYPERBARIC MEDICINE	1	2%
PPP	1	2%
UHM, CMET	1	2%
UHMS HYPERBARICS CERT.	1	2%
UNIVERSITY SECOND DEGREE MASTER IN WOUND CARE	1	2%
VOHRA WOUND FELLOWSHIP	1	2%
WCC, DWC	1	2%
WCC, DWC, CHWS	1	2%
WOUND CARE FOR HEALTH PROFESSIONALS LEVEL 1 AND 2	1	2%
FACS	1	2%
EMERGENCY MEDICINE AND HYPERBARIC MEDICINE	1	2%
FACCWS	1	2%
BOARD CERTIFIED UHM	1	2%
ABMSP IN DIABETIC FOOT WOUNDS	1	2%
ABPFAS	1	2%
ABWH,ABWMS	1	2%
ABWM	1	2%
ABWMS, FACCWS	1	2%
ABWMS, WCC	1	2%
ABWS	1	2%
AM BOARD OF SURGERY CERTIFICATION	1	2%
CAQ IN AMPUTATION PREVENTION AND WOUND CARE,DIPLOMATE AMERICAN BOARD OF MEDICAL SPECIALTIES IN PODIATRY LIMB PRESERVATION AND SALVAGE, PHYSICIAN CERTIFIED IN WOUND CARE-CMET,ALSO DIPLOMATE AMERICAN BOARD OF FOOT AND ANKLE SURGERY IN FOOT SURGERY, AND DIPLOMATE AMERICAN BOARD OF PODIATRIC MEDICINE	1	2%
FAAWC	1	2%
CAQ IN AMPUTATION PREVENTION AND WOUND CARE-ABPM	1	2%
CAQH WITH ABPM LIMB SALVAGE	1	2%
CAQH, APWH(C)	1	2%
CERTIFIED IN HYPERBARIC MEDICINE	1	2%
CMS	1	2%
CWSP	1	2%
CWSP, FACCWS, PCWC	1	2%
DO	1	2%
WTA	1	2%
n=61		

Table 53 - What is your gender?

Response	Count	Pct
Male	169	60%
Female	110	39%
Non-binary	0	0%
Other	0	0%
Prefer not to respond	4	1%
n=283		

Figure 38 - What is your gender?

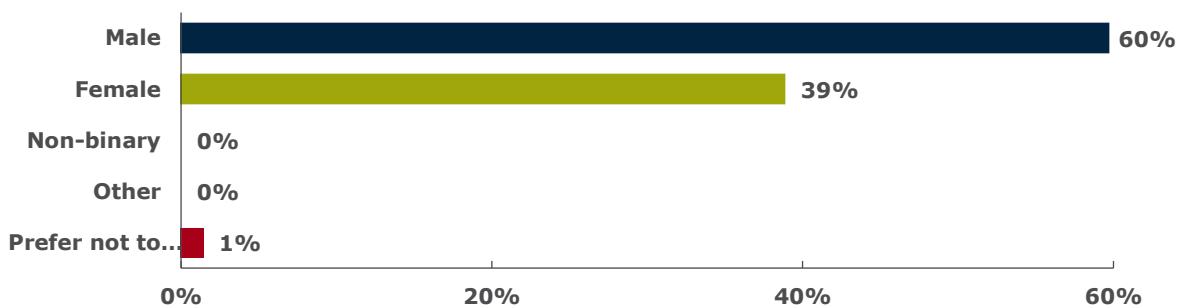


Table 54 - What is your age?

Response	Count	Pct
20-29	0	0%
30-39	32	11%
40-49	64	23%
50-59	86	30%
60+	95	34%
Prefer not to respond	5	2%
n=282		

Figure 39 - What is your age?

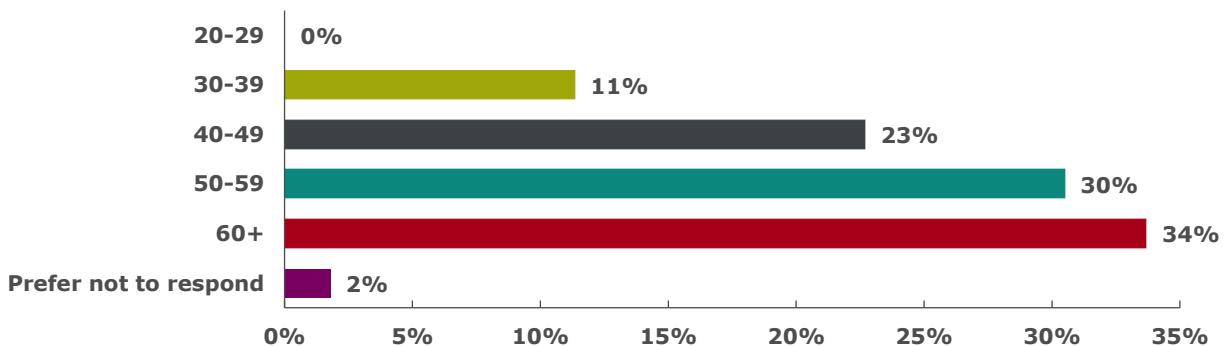


Table 55 - Which of the following best describes you?

Pearson

VUE

Confidential

Response	Count	Pct
African-American	14	5%
Asian	42	15%
Hispanic	14	5%
Native American	3	1%
White	176	62%
Other	12	4%
Prefer not to respond	21	7%
n=282		

Figure 40 - Which of the following best describes you?

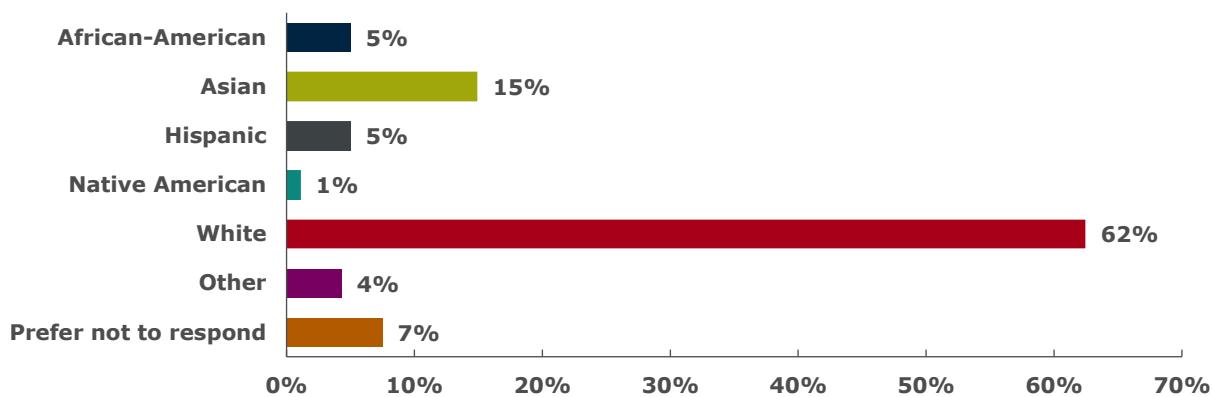


Table 56 - Do you have a specialty area outside of wound care? (If primary professional designation in Doctor of Medicine (MD), Doctor of Osteopathy (DO), or Doctor of Podiatric Medicine (DPM))

Response	Count	Pct
Yes	223	79%
No	59	21%
n=282		

Figure 41 - Do you have a specialty area outside of wound care? (If primary professional designation in Doctor of Medicine (MD), Doctor of Osteopathy (DO), or Doctor of Podiatric Medicine (DPM))

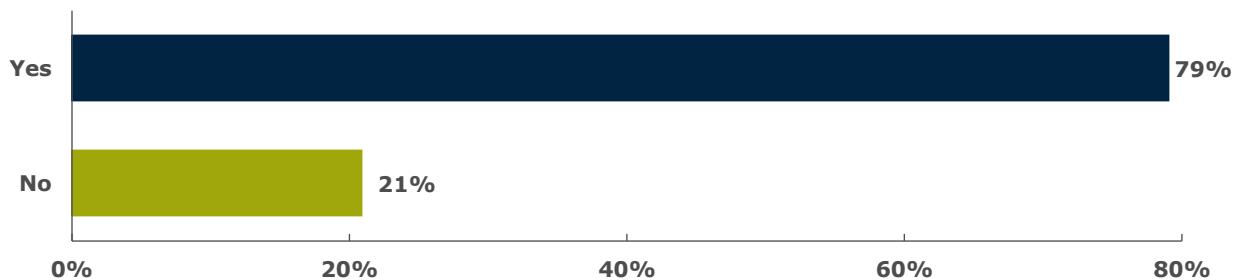


Table 57 - What is your specialty area? (If primary professional designation in Doctor of Medicine (MD), Doctor of Osteopathy (DO), or Doctor of Podiatric Medicine (DPM))

Response	Count	Pct
PODIATRY	26	11%
GENERAL SURGERY	20	9%
FAMILY MEDICINE	18	8%
SURGERY	13	6%
INTERNAL MEDICINE	11	5%
FOOT AND ANKLE SURGERY	10	4%
PODIATRIC SURGERY	9	4%
EMERGENCY MEDICINE	8	3%
PLASTIC SURGERY	7	3%
FAMILY PRACTICE	6	3%
HYPERBARIC MEDICINE	4	2%
VASCULAR SURGERY	4	2%
DERMATOLOGY	3	1%
INFECTIOUS DISEASE	3	1%
ORTHOPAEDIC SURGERY	3	1%
FOOT SURGERY	2	1%
GENERAL AND VASCULAR SURGERY	2	1%
GENERAL SURGERY / TISSUE BANKING	2	1%
GERIATRICS	2	1%
OTOLARYNGOLOGY	2	1%
PATHOLOGY	2	1%
PHYSICAL MEDICINE AND REHABILITATION	2	1%
PODIATRIC MEDICINE	2	1%
PODIATRIST	2	1%
PODIATRIST SURGERY	2	1%
PREVENTIVE MEDICINE	2	1%
THORACIC SURGERY	2	1%
UNDERSEA AND HYPERBARIC MEDICINE	2	1%
ABFAS	1	0%
BIOMECHANICS/SPORTS MEDICINE	1	0%
CARDIOVASCULAR SURGERY	1	0%
DIABETES	1	0%
DIABETIC FOOT	1	0%
DIABETIC FOOT RECONSTRUCTION	1	0%
DIABETIC FOOT SURGERY	1	0%
DIABETOLOGIST	1	0%
DPM	1	0%
EM	1	0%
EMERGENCY MEDICAL SERVICES	1	0%
EMERGENCY MEDICINE AND EMERGENCY MEDICAL SERVICES	1	0%
EMERGENCY MEDICINE, CCM AND HYPERBARIC MEDICINE	1	0%
FACIAL PLASTIC SURGERY	1	0%
FAMILY MEDICINE, GERIATRICS	1	0%
FOOT AND ANKLE SURGER	1	0%
FOOT CARE	1	0%
GEN SURG	1	0%
GENERAL SURGERY AND CRITICAL CARE	1	0%
GENERAL SURGERY RETIRED	1	0%
GENERAL, TRAUMA SURGERY AND SURGICAL CRITICAL CARE	1	0%
GENERAL/VASCULAR	1	0%
GERIATRIC MEDICINE	1	0%
HAND SURGERY, PLASTIC SURGERY	1	0%

Response	Count	Pct
HOSPITALIST/ HOSPITAL BASED INTERNAL MEDICINE	1	0%
HYPERBARIC MEDICINE AND EMERGENCY MEDICINE	1	0%
HYPERBARIC OXYGENATION	1	0%
HYPERBARIC/ PHYSICAL MEDICINE	1	0%
HYPERBARICS	1	0%
HYPERBARIC MEDICINE	1	0%
ID	1	0%
INTENSIVE CARE	1	0%
INTERNAL MEDICINE AND HYPERBARIC MEDICINE	1	0%
INTERNAL MEDICINE AND OBESITY MEDICINE	1	0%
INTERNAL MEDICINE, HOSPICE AND PALLIATIVE CARE	1	0%
LIMB SALVAGE AND RECONSTRUCTION	1	0%
MASTER'S IN BUSINESS	1	0%
MEDICINA INTEGRADA	1	0%
MEDICINE	1	0%
OBGYN	1	0%
OTOLARYNGOLOGY-HEAD AND NECK SURGERY	1	0%
PEDIATRIC CARDIAC SURGERY (RETIRED)	1	0%
PERIPHERAL NERVE RECONSTRUCTION	1	0%
PHYS ADVUSOR	1	0%
PM&R	1	0%
PODIATIRC MEDICINE AND SURGERY TEACH IN HOSP CLINIC	1	0%
PODIATRIC MEDICINE & SURGERY/WOUND CARE	1	0%
PODIATRIC MEDICINE AND SURGERY	1	0%
PODIATRY MEDICINE AND SURGERY	1	0%
PODIATRY SURGERY	1	0%
PRIMARY CARE	1	0%
PRIMARY PODIATRY	1	0%
RECONSTRUCTIVE FOOT SURGERY	1	0%
UNDERSEA AND HYPERBARIC MEDICINE; FAMILY MEDICINE	1	0%
VASCULAR MEDICINE	1	0%
VASCULAR SURGEON	1	0%
VASCULAR SX, ER	1	0%
WOUND CARE	1	0%
n=229		

Table 58 - Please list your specialty board certifications: (If primary professional designation in Doctor of Medicine (MD), Doctor of Osteopathy (DO), or Doctor of Podiatric Medicine (DPM))

Response	Count	Pct
ABPM	10	5%
ABFM	9	4%
ABIM	9	4%
FAMILY MEDICINE	9	4%
ABFAS	8	4%
AMERICAN BOARD OF SURGERY	8	4%
AMERICAN BOARD OF PODIATRIC MEDICINE	6	3%
AMERICAN BOARD OF FOOT AND ANKLE SURGERY	5	2%
ABEM	4	2%
GENERAL SURGERY	4	2%
ABMSP	3	1%
ABPM, ABMSP	3	1%
AMERICAN BOARD OF MULTIPLE SPECIALTIES IN PODIATRY	3	1%
FACFAS	3	1%
ABEM, CWSP	2	1%

Response	Count	Pct
ABLES	2	1%
ABPFAS	2	1%
AOBFP	2	1%
EMERGENCY MEDICINE	2	1%
FACS	2	1%
HYPERBARIC MEDICINE, EMERGENCY MEDICINE	2	1%
INTERNAL MEDICINE	2	1%
PLASTIC SURGERY	2	1%
SURGICAL BOARDS	2	1%
THORACIC SURGERY, ABWM	2	1%
UHM	2	1%
AACFAS	1	0%
ABFAS FOOT, ABFAS REARFOOT RECONSTRUCTIVE AND ANKLE, ABPM	1	0%
ABFAS, ABPM, CWSP	1	0%
ABFM, ABPM/UHM	1	0%
ABIM AND ABOM	1	0%
ABIM INTERNAL MEDICINE AND INFECTIOUS DISEASE	1	0%
ABOPP	1	0%
ABOG	1	0%
ABOS	1	0%
ABPM ABFAS	1	0%
ABPM GENERAL PREVENTIVE MEDICINE AND PUBLIC HEALTH	1	0%
ABPM MEDICAL PODIATRIC CERTIFICATION	1	0%
ABPM&R, ABPM-UHM	1	0%
ABPM, ABFAS	1	0%
ABPPM, ABPS	1	0%
ABPS	1	0%
ABPS CWSP	1	0%
ABPS, FACFAS	1	0%
ABS	1	0%
ABS, ABTS	1	0%
ABWM, AAOS	1	0%
ABWM, ABFAS	1	0%
ABWM, ABOS	1	0%
ACFAS	1	0%
ACOFP	1	0%
ACOS	1	0%
AM BD OF FOOT AND ANKLE SURGERY	1	0%
AM BD OF SURGERY. HOSPICE.	1	0%
AM BOARD OF FAMILY PRACTICE	1	0%
AM BOARD OF PM @ R, AMERICAN BOARD OF PAIN MANAGEMENT	1	0%
AMERICAN BOARD OF SURGERY	1	0%
AMERICAN BOARD FOOT AND ANKLE SURGERY	1	0%
AMERICAN BOARD OF EMERGENCY MEDICINE, ABEM SUBSPECIALTY CERTIFICATION IN UHM	1	0%
AMERICAN BOARD OF FAMILY MEDICINE, AMERICAN BOARD OF WOUND MANAGEMENT	1	0%
AMERICAN BOARD OF FOOT AND ANKLE SURGERY, AMERICAN BOARD OF WOUND MANAGEMENT	1	0%
AMERICAN BOARD OF HAIR TRANSPLANT	1	0%
AMERICAN BOARD OF INTERNAL MEDICINE, AMERICAN BOARD OF PREVENTIVE MEDICINE ( UHM)	1	0%
AMERICAN BOARD OF LOWER EXTREMITY SURGEONS	1	0%
AMERICAN BOARD OF LOWER EXTREMITY SURGERY	1	0%
AMERICAN BOARD OF LOWER EXTREMITY SURGERY AND AMERICAN BOARD OF WOUND CARE	1	0%
AMERICAN BOARD OF PATHOLOGY; CYTOPATHOLOGY	1	0%
AMERICAN BOARD OF PREVENTIVE MEDICINE	1	0%

Response	Count	Pct
AMERICAN BOARD OF SURGERY CWSP	1	0%
AMERICAN BOARD OF WOUND MANAGEMENT	1	0%
AMERICAN OSTEOPATHIC BOARD OF FAMILY PRACTITIONERS	1	0%
ANAESTHESIOLOGY, INTENSIVE CARE	1	0%
ANATOMIC PATHOLOGY, CYTOPATHOLOGY, CWSP	1	0%
AOBEM	1	0%
BOARD CERTIFICATION IN FOOT AND ANKLE SURGERY PODIATRY	1	0%
BOARD CERTIFIED BY AMERICAN BOARD OF SURGERY AND AMERICAN BOARD OF PLASTIC SURGERY	1	0%
BOARD CERTIFIED IN AMERICAN BOARD POD PODIATRIC MEDICINE; BOARD QUALIFIED IN AMERICAN BOARD OF FOOT AND ANKLE SURGERY	1	0%
BOARD CERTIFIED IN FOOT AND ANKLE RECONSTRUCTIVE SURGERY	1	0%
CARDIOTHORACIC SURGERY	1	0%
CWSP	1	0%
DABFAS, CWSP, PCWC	1	0%
DABPM, DABFAS	1	0%
DIPABLM, DABMSP	1	0%
DIPLOMAT AMERICAN BOARD OF FOOT AND ANKLE SURGERY IN FOOT SURGERY,	1	0%
DIPLOMAT AMERICAN BOARD OF PODIATRIC MEDICINE	1	0%
DIPLOMATE, AMERICAN BOARD OF FOOT AND ANKLE SURGERY AND DIPLOMATE, AMERICAN BOARD OF PODIATRIC MEDICINE	1	0%
EMERGENCY MEDICINE, HYPERBARIC MEDICINE & WOUND	1	0%
FAAFAFP (FAMILY MEDICINE)	1	0%
FACC	1	0%
FACEP, FAEMS FAAEM	1	0%
FACIAL PLASTIC SURGERY: PREVENTATIVE MEDICINE	1	0%
FACS, AND FASCRS	1	0%
FAMILY MEDICINE AND UNDERSEA AND HYPERBARIC MEDICINE	1	0%
FAMILY MEDICINE, GERIATRICS, HOSPICE AND PALLIATIVE CARE	1	0%
FAMILY MEDICINE, HYPERBARIC MEDICINE	1	0%
FAMILY MEDICINE/ HBO/ WOUND CARE	1	0%
FELLOWSHIP IN DIABETIC FOOT SURGERY, INDIAN	1	0%
FM BOARD CERTIFIED	1	0%
FOOT AND ANKLE	1	0%
FOOT AND ANKLE SURGERY	1	0%
FP, UHM	1	0%
FRCS , MPH	1	0%
GENERAL SURGERY,THORACIC SURGERY	1	0%
GENERAL SURGEON	1	0%
GENERAL SURGERY AND CRITICAL CARE	1	0%
GENERAL SURGERY AND SURGICAL CRITICAL CARE	1	0%
GENERAL SURGERY BOARDS	1	0%
GENERAL SURGERY, VASCULAR SURGERY	1	0%
GENERAL SURGERY; VASCULAR SURGERY; SURGICAL CRITICAL CARE	1	0%
GENERAL SX, VASCULAR SX	1	0%
GENERAL//VASCULAR	1	0%
GERERAL SURGERY; WOUND CARE	1	0%
GNAUPP	1	0%
IM EM CMCHQ	1	0%
IM, ID	1	0%
INFECTIOUS DISEASES, INTERNAL MEDICINE	1	0%
INTERNAL MEDICINE AND INFECTIOUS DISEASE	1	0%
INTERNAL MEDICINE, GERIATRIC MEDICINE, ABWMS	1	0%
INTERNAL MEDICINE, HOSPICE AND PALLIATIVE CARE	1	0%
MASTER IN SURGERY . FELLOWSHIP IN ANKLE & FOOT	1	0%
MEDICIEN	1	0%
MRCP UK	1	0%

Response	Count	Pct
OBSTETRICS AND GYNECOLOGY	1	0%
OTOLARYNGOLOGY HAD A NECK SURGERY	1	0%
OTOLARYNGOLOGY HEAD AND NECK SURGERY,FELLOW AMERICAN BOARD OF SURGEONS	1	0%
PHILIPPINE DERMATOLOGICAL SOCIETY	1	0%
PLASTIC RECONSTRUCTIVE SURGEON	1	0%
PLASTIC SURGERY AND GENERAL SURGERY	1	0%
PLASTIC SURGERY, CERTIFICATE IN HAND SURGERY	1	0%
PM&R, CWS-P	1	0%
PODIATRIC MEDICINE	1	0%
POST-GRADUATED IN HYPERBARIC MEDICINE (3 YEARS COURSE), HEALTH ECONOMICS (2 YEAR), WOUND CARE (1 YEAR)	1	0%
SURGERY (ABS)	1	0%
SURGERY, VASCULAR	1	0%
UNDERSEA AND HYPERBARIC MEDICINE	1	0%
UNDERSEA AND HYPERBARIC MEDICINE; FAMILY MEDICINE	1	0%
UNDERSEA AND HYPERBARIC MEDICINE; PEDIATRICS	1	0%
UNDERSEA/HYPERBARIC MEDICINE (ABPM/UHM), FAMILY MEDICINE	1	0%
VASCULAR SURGERY, GENERAL SURGERY	1	0%
WOUND CARE	1	0%
n=221		

Table 59 - Reliability

Domain	Knowledge Topics	Alpha
1. Wound Healing Environment	2	0.598
2. Assessment and Diagnosis	8	0.901
3. Patient Management	13	0.858
4. Etiological Considerations	15	0.928
5. Professional Issues	7	0.862
<b>Total</b>	<b>45</b>	<b>0.962</b>

# Appendix J. CWCA Survey Ratings

Table J.5. CWCA Knowledge Topic Ratings by Importance

Domain	Knowledge Topic	Knowledge Subtopic	Stats		
Name	Name	Name	n	Rating	% Not Part of Practice
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	-	<b>230</b>	<b>3.44</b>	<b>0.9%</b>
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.1. Integumentary	230	3.55	0.9%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	230	3.19	1.7%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.3. Vascular	230	3.59	0.4%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.4. Neurological	230	2.98	5.7%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.5. Lymphatic	230	3.23	1.7%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	230	2.90	2.6%
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	-	<b>230</b>	<b>3.82</b>	<b>0.0%</b>
1. Wound Healing Environment	1.B. Wound Healing	1.B.1. Phases	230	3.50	0.4%
1. Wound Healing Environment	1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	230	3.00	1.3%
1. Wound Healing Environment	1.B. Wound Healing	1.B.3. Acute vs. chronic	230	3.46	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	-	<b>230</b>	<b>3.45</b>	<b>1.3%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	-	<b>230</b>	<b>3.59</b>	<b>3.0%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	-	<b>230</b>	<b>3.83</b>	<b>0.4%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	-	<b>230</b>	<b>3.44</b>	<b>0.4%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	-	<b>230</b>	<b>3.46</b>	<b>1.3%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	-	<b>230</b>	<b>3.34</b>	<b>1.3%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	-	<b>230</b>	<b>3.13</b>	<b>6.5%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	-	<b>230</b>	<b>3.49</b>	<b>1.3%</b>
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	-	<b>230</b>	<b>3.62</b>	<b>3.5%</b>
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	-	<b>230</b>	<b>3.74</b>	<b>0.9%</b>
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	-	<b>230</b>	<b>3.36</b>	<b>4.8%</b>

Domain	Knowledge Topic	Knowledge Subtopic	Stats		
Name	Name	Name	n	Rating	% Not Part of Practice
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	-	<b>230</b>	<b>3.40</b>	<b>1.7%</b>
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	<b>230</b>	<b>3.58</b>	<b>1.3%</b>
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	-	<b>230</b>	<b>3.42</b>	<b>1.7%</b>
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	-	<b>230</b>	<b>2.80</b>	<b>23.0%</b>
3. Patient Management	3.G. Biophysical technologies	3.G.1. Electrical stimulation	230	2.50	60.9%
3. Patient Management	3.G. Biophysical technologies	3.G.2. Ultrasound	230	2.67	53.9%
3. Patient Management	3.G. Biophysical technologies	3.G.3. Diathermy	230	2.52	64.8%
3. Patient Management	3.G. Biophysical technologies	3.G.4. Laser	230	2.49	70.4%
3. Patient Management	3.G. Biophysical technologies	3.G.5. Ultraviolet C	230	2.42	72.2%
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	-	<b>230</b>	<b>3.39</b>	<b>5.2%</b>
<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	-	<b>230</b>	<b>3.47</b>	<b>5.7%</b>
<b>3. Patient Management</b>	<b>3.J. Hyperbaric oxygen therapy</b>	-	<b>230</b>	<b>3.18</b>	<b>42.2%</b>
<b>3. Patient Management</b>	<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	<b>230</b>	<b>3.73</b>	<b>2.2%</b>
<b>3. Patient Management</b>	<b>3.L. Surgical closure or tissue transfer</b>	-	<b>230</b>	<b>3.05</b>	<b>25.2%</b>
<b>3. Patient Management</b>	<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	<b>230</b>	<b>3.14</b>	<b>13.5%</b>
<b>4. Etiological Considerations</b>	<b>4.A. Neuropathy</b>	-	<b>230</b>	<b>3.24</b>	<b>3.5%</b>
<b>4. Etiological Considerations</b>	<b>4.B. Diabetes</b>	-	<b>230</b>	<b>3.54</b>	<b>0.9%</b>
<b>4. Etiological Considerations</b>	<b>4.C. Venous insufficiency</b>	-	<b>230</b>	<b>3.58</b>	<b>0.9%</b>
<b>4. Etiological Considerations</b>	<b>4.D. Ischemia</b>	-	<b>230</b>	<b>3.52</b>	<b>0.9%</b>
<b>4. Etiological Considerations</b>	<b>4.E. Pressure related wounds</b>	-	<b>230</b>	<b>3.61</b>	<b>0.4%</b>
<b>4. Etiological Considerations</b>	<b>4.F. Lymphedema</b>	-	<b>230</b>	<b>3.30</b>	<b>1.3%</b>
<b>4. Etiological Considerations</b>	<b>4.G. Trauma</b>	-	<b>230</b>	<b>3.26</b>	<b>1.3%</b>
<b>4. Etiological Considerations</b>	<b>4.H. Surgical/surgical procedure</b>	-	<b>230</b>	<b>3.28</b>	<b>7.0%</b>

Domain	Knowledge Topic	Knowledge Subtopic	Stats		
Name	Name	Name	n	Rating	% Not Part of Practice
<b>4. Etiological Considerations</b>	<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	<b>230</b>	<b>3.11</b>	<b>4.8%</b>
<b>4. Etiological Considerations</b>	<b>4.J. Dermatological</b>	-	<b>230</b>	<b>3.06</b>	<b>5.2%</b>
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	-	<b>230</b>	<b>3.44</b>	<b>1.7%</b>
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	-	<b>230</b>	<b>3.03</b>	<b>11.3%</b>
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	-	<b>230</b>	<b>3.43</b>	<b>0.9%</b>
<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	-	<b>230</b>	<b>2.72</b>	<b>56.1%</b>
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	-	<b>230</b>	<b>3.30</b>	<b>1.3%</b>
<b>5. Professional Issues</b>	<b>5.A. Documentation/legal concepts</b>	-	<b>230</b>	<b>3.49</b>	<b>2.6%</b>
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	<b>230</b>	<b>3.41</b>	<b>1.3%</b>
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	-	<b>230</b>	<b>2.93</b>	<b>13.0%</b>
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	<b>230</b>	<b>3.24</b>	<b>2.2%</b>
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	-	<b>230</b>	<b>3.32</b>	<b>2.6%</b>
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	-	<b>230</b>	<b>2.99</b>	<b>10.9%</b>
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	-	<b>230</b>	<b>3.32</b>	<b>4.8%</b>

Table J.2. CWCA Importance of Knowledge Topic Ratings by Designation

Knowledge Topic	Knowledge Subtopic	Certified Nursing Assistant (CNA)			Hyperbaric Technician (CHT)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist Assistant (OTA)			Medical Assistant		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	4	3.25	0.0%	1	3.00	0.0%	82	3.49	1.2%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
1.A. Anatomy and Physiology	1.A.1. Integumentary	4	3.25	0.0%	1	2.00	0.0%	82	3.63	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.33	0.0%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	4	2.50	0.0%	1	3.00	0.0%	82	3.25	1.2%	3	3.33	0.0%	1	3.00	0.0%	3	2.67	0.0%
1.A. Anatomy and Physiology	1.A.3. Vascular	4	2.75	0.0%	1	3.00	0.0%	82	3.66	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
1.A. Anatomy and Physiology	1.A.4. Neurological	4	2.25	0.0%	1	3.00	0.0%	82	3.04	3.7%	3	3.67	0.0%	1	3.00	0.0%	3	2.00	66.7%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	4	2.50	0.0%	1	3.00	0.0%	82	3.29	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	4	2.00	0.0%	1	2.00	0.0%	82	2.95	1.2%	3	3.33	0.0%	1	4.00	0.0%	3	3.00	0.0%
<b>1.B. Wound Healing</b>	-	4	3.25	0.0%	1	4.00	0.0%	82	3.85	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
1.B. Wound Healing	1.B.1. Phases	4	3.25	0.0%	1	4.00	0.0%	82	3.55	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	4	2.50	0.0%	1	3.00	0.0%	82	3.10	1.2%	3	4.00	0.0%	1	3.00	0.0%	3	4.00	0.0%
1.B. Wound Healing	1.B.3. Acute vs. chronic	4	3.25	0.0%	1	3.00	0.0%	82	3.55	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
<b>2.A. History</b>	-	4	2.00	0.0%	1	3.00	0.0%	82	3.55	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>2.B. Physical examination</b>	-	4	2.33	25.0%	1	2.00	0.0%	82	3.65	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
<b>2.C. Wound and skin assessment</b>	-	4	3.00	0.0%	1	2.00	0.0%	82	3.84	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
<b>2.D. Pain assessment</b>	-	4	2.25	0.0%	1	2.00	0.0%	82	3.56	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>2.E. Risk assessment</b>	-	4	3.25	0.0%	1	2.00	0.0%	82	3.54	1.2%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>2.F. Functional assessment</b>	-	4	2.50	0.0%	1	2.00	0.0%	82	3.40	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	4	1.33	25.0%	1	2.00	0.0%	82	3.31	4.9%	3	3.67	0.0%	1		100.0%	3	4.00	0.0%

Knowledge Topic	Knowledge Subtopic	Certified Nursing Assistant (CNA)			Hyperbaric Technician (CHT)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist Assistant (OTA)			Medical Assistant		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>2.H. Nutrition</b>	-	4	2.75	0.0%	1	3.00	0.0%	82	3.57	0.0%	3	4.00	0.0%	1	3.00	0.0%	3	4.00	0.0%
<b>3.A. Wound bed preparation/debridement</b>	-	4	3.33	25.0%	1	2.00	0.0%	82	3.65	2.4%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
<b>3.B. Dressings</b>	-	4	3.50	0.0%	1	3.00	0.0%	82	3.76	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	4	2.75	0.0%	1	2.00	0.0%	82	3.51	6.1%	3	3.67	0.0%	1	3.00	0.0%	3	4.00	0.0%
<b>3.D. Topical agents</b>	-	4	3.33	25.0%	1	2.00	0.0%	82	3.45	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	4	3.00	25.0%	1	2.00	0.0%	82	3.59	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>3.F. Nutrition</b>	-	4	3.00	0.0%	1	2.00	0.0%	82	3.50	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
<b>3.G. Biophysical technologies</b>	-	4	1.50	50.0%	1		100.0%	82	2.80	20.7%	3	3.67	0.0%	1	3.00	0.0%	3	3.33	0.0%
3.G. Biophysical technologies	3.G.1. Electrical stimulation	4	1.00	75.0%	1		100.0%	82	2.39	62.2%	3	3.00	0.0%	1	3.00	0.0%	3		100.0%
3.G. Biophysical technologies	3.G.2. Ultrasound	4	2.00	75.0%	1		100.0%	82	2.63	57.3%	3	3.00	0.0%	1	3.00	0.0%	3	4.00	0.0%
3.G. Biophysical technologies	3.G.3. Diathermy	4	1.00	75.0%	1		100.0%	82	2.56	69.5%	3	3.00	0.0%	1	3.00	0.0%	3	3.00	33.3%
3.G. Biophysical technologies	3.G.4. Laser	4	1.00	75.0%	1		100.0%	82	2.41	73.2%	3	2.33	0.0%	1	4.00	0.0%	3	2.00	66.7%
3.G. Biophysical technologies	3.G.5. Ultraviolet C	4	1.00	75.0%	1		100.0%	82	2.30	75.6%	3	3.00	0.0%	1		100.0%	3	2.00	66.7%
<b>3.H. Compression therapy</b>	-	4	3.25	0.0%	1	4.00	0.0%	82	3.48	6.1%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>3.I. Negative pressure wound therapy</b>	-	4	2.00	25.0%	1	3.00	0.0%	82	3.44	8.5%	3	3.33	0.0%	1	4.00	0.0%	3	4.00	0.0%
<b>3.J. Hyperbaric oxygen therapy</b>	-	4	2.00	25.0%	1	4.00	0.0%	82	3.26	52.4%	3	3.00	0.0%	1	3.00	0.0%	3	3.00	0.0%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	4	3.25	0.0%	1	3.00	0.0%	82	3.73	3.7%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>3.L. Surgical closure or tissue transfer</b>	-	4	1.33	25.0%	1	2.00	0.0%	82	3.12	29.3%	3	3.33	0.0%	1	3.00	0.0%	3	4.00	0.0%

Knowledge Topic	Knowledge Subtopic	Certified Nursing Assistant (CNA)			Hyperbaric Technician (CHT)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist Assistant (OTA)			Medical Assistant		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	4	1.00	25.0%	1	2.00	0.0%	82	3.31	14.6%	3	3.67	0.0%	1	3.00	0.0%	3	3.33	0.0%
<b>4.A. Neuropathy</b>	-	4	2.50	0.0%	1	3.00	0.0%	82	3.28	3.7%	3	3.67	0.0%	1	4.00	0.0%	3	3.33	0.0%
<b>4.B. Diabetes</b>	-	4	2.75	0.0%	1	3.00	0.0%	82	3.59	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>4.C. Venous insufficiency</b>	-	4	3.00	0.0%	1	3.00	0.0%	82	3.61	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
<b>4.D. Ischemia</b>	-	4	3.00	0.0%	1	2.00	0.0%	82	3.57	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
<b>4.E. Pressure related wounds</b>	-	4	3.00	0.0%	1	2.00	0.0%	82	3.62	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>4.F. Lymphedema</b>	-	4	3.00	0.0%	1	2.00	0.0%	82	3.43	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>4.G. Trauma</b>	-	4	3.25	0.0%	1	2.00	0.0%	82	3.27	1.2%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>4.H. Surgical/surgical procedure</b>	-	4	2.75	0.0%	1	2.00	0.0%	82	3.38	9.8%	3	3.67	0.0%	1	3.00	0.0%	3	4.00	0.0%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	4	2.00	25.0%	1	2.00	0.0%	82	3.23	4.9%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>4.J. Dermatological</b>	-	4	2.25	0.0%	1	2.00	0.0%	82	3.26	7.3%	3	3.67	0.0%	1	3.00	0.0%	3	3.33	0.0%
<b>4.K. Infectious</b>	-	4	3.00	25.0%	1	3.00	0.0%	82	3.46	1.2%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>4.L. Burns</b>	-	4	2.67	25.0%	1	2.00	0.0%	82	3.10	13.4%	3	3.67	0.0%	1	4.00	0.0%	3	2.50	33.3%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	4	3.25	0.0%	1	2.00	0.0%	82	3.54	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.33	0.0%
<b>4.N. Pediatric Issues</b>	-	4	1.00	50.0%	1		100.0%	82	2.79	59.8%	3	3.33	0.0%	1		100.0%	3	1.50	33.3%
<b>4.O. Inflammatory</b>	-	4	3.25	0.0%	1	2.00	0.0%	82	3.35	1.2%	3	3.67	0.0%	1	4.00	0.0%	3	3.33	0.0%
<b>5.A. Documentation/legal concepts</b>	-	4	3.00	25.0%	1	3.00	0.0%	82	3.54	2.4%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	4	2.75	0.0%	1	3.00	0.0%	82	3.48	2.4%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%

Knowledge Topic	Knowledge Subtopic	Certified Nursing Assistant (CNA)			Hyperbaric Technician (CHT)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist Assistant (OTA)			Medical Assistant		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>5.C. Reimbursement and medical economics</b>	-	4	2.67	25.0%	1	2.00	0.0%	82	3.04	18.3%	3	3.00	0.0%	1	4.00	0.0%	3	3.33	0.0%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	4	2.50	0.0%	1	2.00	0.0%	82	3.32	1.2%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
<b>5.E. Multidisciplinary teams</b>	-	4	2.25	0.0%	1	3.00	0.0%	82	3.36	2.4%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	33.3%
<b>5.F. Epidemiology</b>	-	4	2.67	25.0%	1	2.00	0.0%	82	3.11	14.6%	3	3.67	0.0%	1	4.00	0.0%	3	3.00	0.0%
<b>5.G. Evidence-based practice and research</b>	-	4	2.25	0.0%	1	4.00	0.0%	82	3.31	4.9%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%

Table J.2. CWCA Importance of Knowledge Topic Ratings by Designation (Cont.)

Knowledge topic	Knowledge Subtopic	Physical Therapist Assistant (PTA)			Registered Nurse (RN)			Respiratory Therapist (RT)			Wound Care Technician/Aide			Nonclinical (e.g., business, research, sales, educator)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	5	3.60	0.0%	97	3.45	1.0%	1	4.00	0.0%	6	3.67	0.0%	6	3.00	0.0%	21	3.19	0.0%
1.A. Anatomy and Physiology	1.A.1. Integumentary	5	3.80	0.0%	97	3.59	0.0%	1	3.00	0.0%	6	3.50	0.0%	6	2.50	33.3%	21	3.38	0.0%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	5	3.60	0.0%	97	3.27	0.0%	1	3.00	0.0%	6	3.33	0.0%	6	2.33	50.0%	21	2.81	0.0%
1.A. Anatomy and Physiology	1.A.3. Vascular	5	3.80	0.0%	97	3.58	0.0%	1	4.00	0.0%	6	3.33	0.0%	6	3.60	16.7%	21	3.48	0.0%
1.A. Anatomy and Physiology	1.A.4. Neurological	5	3.00	0.0%	97	3.01	4.1%	1	4.00	0.0%	6	2.33	0.0%	6	1.75	33.3%	21	3.05	9.5%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	5	3.20	0.0%	97	3.20	3.1%	1	4.00	0.0%	6	2.50	0.0%	6	3.60	16.7%	21	3.19	0.0%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	5	3.20	0.0%	97	2.93	1.0%	1	2.00	0.0%	6	3.00	16.7%	6	2.33	50.0%	21	2.67	0.0%

Knowledge topic	Knowledge Subtopic	Physical Therapist Assistant (PTA)			Registered Nurse (RN)			Respiratory Therapist (RT)			Wound Care Technician/Aide			Nonclinical (e.g., business, research, sales, educator)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.B. Wound Healing</b>	-	5	3.80	0.0%	97	3.82	0.0%	1	4.00	0.0%	6	4.00	0.0%	6	3.67	0.0%	21	3.67	0.0%
1.B. Wound Healing	1.B.1. Phases	5	3.40	0.0%	97	3.39	0.0%	1	4.00	0.0%	6	3.83	0.0%	6	3.50	0.0%	21	3.55	4.8%
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	5	3.00	0.0%	97	2.94	1.0%	1	2.00	0.0%	6	3.00	0.0%	6	2.83	0.0%	21	2.85	4.8%
1.B. Wound Healing	1.B.3. Acute vs. chronic	5	3.60	0.0%	97	3.41	0.0%	1	3.00	0.0%	6	3.00	0.0%	6	3.67	0.0%	21	3.24	0.0%
<b>2.A. History</b>	-	5	3.20	0.0%	97	3.48	1.0%	1	4.00	0.0%	6	3.33	0.0%	6	2.80	16.7%	21	3.40	4.8%
<b>2.B. Physical examination</b>	-	5	3.60	0.0%	97	3.62	2.1%	1	3.00	0.0%	6	3.67	0.0%	6	2.50	66.7%	21	3.52	0.0%
<b>2.C. Wound and skin assessment</b>	-	5	3.80	0.0%	97	3.85	1.0%	1	4.00	0.0%	6	3.83	0.0%	6	3.83	0.0%	21	3.81	0.0%
<b>2.D. Pain assessment</b>	-	5	3.40	0.0%	97	3.47	1.0%	1	3.00	0.0%	6	3.17	0.0%	6	2.50	0.0%	21	3.43	0.0%
<b>2.E. Risk assessment</b>	-	5	3.40	0.0%	97	3.49	2.1%	1	3.00	0.0%	6	3.17	0.0%	6	3.00	0.0%	21	3.29	0.0%
<b>2.F. Functional assessment</b>	-	5	3.20	0.0%	97	3.36	2.1%	1	3.00	0.0%	6	3.33	0.0%	6	3.20	16.7%	21	3.19	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	5	3.75	20.0%	97	3.08	5.2%	1	3.00	0.0%	6	2.80	16.7%	6	2.50	33.3%	21	2.86	0.0%
<b>2.H. Nutrition</b>	-	5	3.25	20.0%	97	3.53	2.1%	1	4.00	0.0%	6	3.33	0.0%	6	2.83	0.0%	21	3.33	0.0%
<b>3.A. Wound bed preparation/debridement</b>	-	5	4.00	20.0%	97	3.57	3.1%	1	4.00	0.0%	6	3.83	0.0%	6	3.33	0.0%	21	3.60	4.8%
<b>3.B. Dressings</b>	-	5	3.75	20.0%	97	3.72	1.0%	1	4.00	0.0%	6	3.83	0.0%	6	3.83	0.0%	21	3.76	0.0%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	5	3.00	20.0%	97	3.24	5.2%	1	2.00	0.0%	6	3.33	0.0%	6	3.67	0.0%	21	3.48	0.0%
<b>3.D. Topical agents</b>	-	5	3.25	20.0%	97	3.31	2.1%	1	4.00	0.0%	6	3.50	0.0%	6	3.67	0.0%	21	3.48	0.0%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	5	3.50	20.0%	97	3.57	1.0%	1	4.00	0.0%	6	3.83	0.0%	6	3.67	0.0%	21	3.57	0.0%
<b>3.F. Nutrition</b>	-	5	3.00	20.0%	97	3.44	2.1%	1	4.00	0.0%	6	3.50	0.0%	6	2.60	16.7%	21	3.14	0.0%
<b>3.G. Biophysical technologies</b>	-	5	2.50	60.0%	97	2.78	21.6%	1	3.00	0.0%	6	2.67	0.0%	6	2.50	33.3%	21	2.93	33.3%

Knowledge topic	Knowledge Subtopic	Physical Therapist Assistant (PTA)			Registered Nurse (RN)			Respiratory Therapist (RT)			Wound Care Technician/Aide			Nonclinical (e.g., business, research, sales, educator)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
3.G. Biophysical technologies	3.G.1. Electrical stimulation	5	3.00	80.0%	97	2.50	58.8%	1		100.0%	6	3.33	50.0%	6	1.00	83.3%	21	2.67	57.1%
3.G. Biophysical technologies	3.G.2. Ultrasound	5	3.00	60.0%	97	2.59	54.6%	1		100.0%	6	2.75	33.3%	6	1.00	83.3%	21	2.75	42.9%
3.G. Biophysical technologies	3.G.3. Diathermy	5	3.00	80.0%	97	2.37	63.9%	1		100.0%	6	3.33	50.0%	6	1.50	66.7%	21	2.75	61.9%
3.G. Biophysical technologies	3.G.4. Laser	5	3.00	80.0%	97	2.50	71.1%	1		100.0%	6	3.00	50.0%	6	1.00	83.3%	21	2.71	66.7%
3.G. Biophysical technologies	3.G.5. Ultraviolet C	5	2.00	80.0%	97	2.50	73.2%	1		100.0%	6	3.00	50.0%	6	1.50	66.7%	21	2.57	66.7%
<b>3.H. Compression therapy</b>	-	5	3.60	0.0%	97	3.32	5.2%	1	4.00	0.0%	6	3.50	0.0%	6	3.17	0.0%	21	3.16	9.5%
<b>3.I. Negative pressure wound therapy</b>	-	5	3.50	20.0%	97	3.54	1.0%	1	3.00	0.0%	6	3.33	0.0%	6	3.40	16.7%	21	3.47	9.5%
<b>3.J. Hyperbaric oxygen therapy</b>	-	5		100.0%	97	3.27	36.1%	1		100.0%	6	2.50	66.7%	6	3.17	0.0%	21	2.92	38.1%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	5	3.80	0.0%	97	3.75	1.0%	1	4.00	0.0%	6	3.83	0.0%	6	4.00	16.7%	21	3.57	0.0%
<b>3.L. Surgical closure or tissue transfer</b>	-	5	2.50	60.0%	97	3.03	23.7%	1	3.00	0.0%	6	3.20	16.7%	6	3.17	0.0%	21	3.07	28.6%
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	5	3.00	20.0%	97	3.17	10.3%	1	3.00	0.0%	6	2.83	0.0%	6	1.50	33.3%	21	3.13	23.8%
<b>4.A. Neuropathy</b>	-	5	3.40	0.0%	97	3.24	2.1%	1	4.00	0.0%	6	3.33	0.0%	6	2.40	16.7%	21	3.26	9.5%
<b>4.B. Diabetes</b>	-	5	3.60	0.0%	97	3.55	2.1%	1	4.00	0.0%	6	3.50	0.0%	6	3.50	0.0%	21	3.33	0.0%
<b>4.C. Venous insufficiency</b>	-	5	3.80	0.0%	97	3.56	2.1%	1	4.00	0.0%	6	3.50	0.0%	6	3.50	0.0%	21	3.52	0.0%
<b>4.D. Ischemia</b>	-	5	3.80	0.0%	97	3.47	2.1%	1	4.00	0.0%	6	3.50	0.0%	6	3.33	0.0%	21	3.52	0.0%
<b>4.E. Pressure related wounds</b>	-	5	3.60	0.0%	97	3.63	1.0%	1	4.00	0.0%	6	3.50	0.0%	6	3.83	0.0%	21	3.57	0.0%
<b>4.F. Lymphedema</b>	-	5	3.60	0.0%	97	3.23	3.1%	1	4.00	0.0%	6	3.00	0.0%	6	3.17	0.0%	21	3.05	0.0%
<b>4.G. Trauma</b>	-	5	3.40	0.0%	97	3.24	2.1%	1	4.00	0.0%	6	3.50	0.0%	6	3.17	0.0%	21	3.05	0.0%
<b>4.H. Surgical/surgical procedure</b>	-	5	3.60	0.0%	97	3.16	4.1%	1	3.00	0.0%	6	3.67	0.0%	6	3.83	0.0%	21	3.12	19.0%

Knowledge topic	Knowledge Subtopic	Physical Therapist Assistant (PTA)			Registered Nurse (RN)			Respiratory Therapist (RT)			Wound Care Technician/Aide			Nonclinical (e.g., business, research, sales, educator)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	5	3.60	0.0%	97	3.05	4.1%	1	3.00	0.0%	6	2.83	0.0%	6	3.00	0.0%	21	2.95	9.5%
<b>4.J. Dermatological</b>	-	5	3.20	0.0%	97	2.96	5.2%	1	2.00	0.0%	6	3.00	0.0%	6	2.67	0.0%	21	3.05	4.8%
<b>4.K. Infectious</b>	-	5	3.60	0.0%	97	3.43	2.1%	1	4.00	0.0%	6	3.67	0.0%	6	3.17	0.0%	21	3.33	0.0%
<b>4.L. Burns</b>	-	5	3.00	20.0%	97	2.94	9.3%	1	4.00	0.0%	6	3.17	0.0%	6	3.17	0.0%	21	3.11	14.3%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	5	3.60	0.0%	97	3.40	2.1%	1	4.00	0.0%	6	2.83	0.0%	6	3.33	0.0%	21	3.38	0.0%
<b>4.N. Pediatric Issues</b>	-	5	2.00	80.0%	97	2.68	61.9%	1	3.00	0.0%	6	2.67	0.0%	6	3.40	16.7%	21	2.82	47.6%
<b>4.O. Inflammatory</b>	-	5	3.20	0.0%	97	3.25	2.1%	1	3.00	0.0%	6	3.67	0.0%	6	3.17	0.0%	21	3.24	0.0%
<b>5.A. Documentation/legal concepts</b>	-	5	3.40	0.0%	97	3.41	0.0%	1	3.00	0.0%	6	3.33	0.0%	6	3.00	50.0%	21	3.81	0.0%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	5	3.80	0.0%	97	3.36	1.0%	1	4.00	0.0%	6	3.67	0.0%	6	2.67	0.0%	21	3.33	0.0%
<b>5.C. Reimbursement and medical economics</b>	-	5	3.40	0.0%	97	2.77	10.3%	1	4.00	0.0%	6	2.80	16.7%	6	3.83	0.0%	21	2.78	14.3%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	5	3.40	0.0%	97	3.19	2.1%	1	3.00	0.0%	6	3.40	16.7%	6	2.83	0.0%	21	3.20	4.8%
<b>5.E. Multidisciplinary teams</b>	-	5	3.60	0.0%	97	3.31	1.0%	1	4.00	0.0%	6	3.00	0.0%	6	3.17	0.0%	21	3.26	9.5%
<b>5.F. Epidemiology</b>	-	5	3.40	0.0%	97	2.92	9.3%	1	3.00	0.0%	6	3.33	0.0%	6	2.80	16.7%	21	2.63	9.5%
<b>5.G. Evidence-based practice and research</b>	-	5	3.40	0.0%	97	3.39	3.1%	1	4.00	0.0%	6	2.83	0.0%	6	3.17	0.0%	21	3.06	19.0%

Table J.3. CWCA Importance of Knowledge Topic Ratings by Experience

Knowledge Topic	Knowledge Subtopic	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	8	3.25	0.0%	21	3.52	0.0%	68	3.37	1.5%	71	3.50	1.4%	41	3.59	0.0%	21	3.19	0.0%
1.A. Anatomy and Physiology	1.A.1. Integumentary	8	3.63	0.0%	21	3.38	0.0%	68	3.51	1.5%	71	3.61	1.4%	41	3.68	0.0%	21	3.38	0.0%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	8	2.88	0.0%	21	3.10	0.0%	68	3.05	4.4%	71	3.34	1.4%	41	3.46	0.0%	21	2.81	0.0%
1.A. Anatomy and Physiology	1.A.3. Vascular	8	3.50	0.0%	21	3.48	0.0%	68	3.54	0.0%	71	3.69	1.4%	41	3.63	0.0%	21	3.48	0.0%
1.A. Anatomy and Physiology	1.A.4. Neurological	8	2.43	12.5%	21	2.80	4.8%	68	2.83	7.4%	71	3.07	4.2%	41	3.20	2.4%	21	3.05	9.5%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	8	3.00	0.0%	21	3.05	0.0%	68	3.14	2.9%	71	3.34	1.4%	41	3.38	2.4%	21	3.19	0.0%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	8	2.63	0.0%	21	2.85	4.8%	68	2.85	2.9%	71	2.94	4.2%	41	3.10	0.0%	21	2.67	0.0%
<b>1.B. Wound Healing</b>	-	8	3.75	0.0%	21	3.81	0.0%	68	3.78	0.0%	71	3.90	0.0%	41	3.83	0.0%	21	3.67	0.0%
1.B. Wound Healing	1.B.1. Phases	8	3.25	0.0%	21	3.43	0.0%	68	3.43	0.0%	71	3.66	0.0%	41	3.39	0.0%	21	3.55	4.8%
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	8	3.00	0.0%	21	3.00	0.0%	68	2.93	1.5%	71	3.23	0.0%	41	2.83	2.4%	21	2.85	4.8%
1.B. Wound Healing	1.B.3. Acute vs. chronic	8	3.50	0.0%	21	3.19	0.0%	68	3.49	0.0%	71	3.61	0.0%	41	3.39	0.0%	21	3.24	0.0%
<b>2.A. History</b>	-	8	3.13	0.0%	21	3.33	0.0%	68	3.36	1.5%	71	3.58	0.0%	41	3.55	2.4%	21	3.40	4.8%
<b>2.B. Physical examination</b>	-	8	3.38	0.0%	21	3.48	0.0%	68	3.55	5.9%	71	3.66	1.4%	41	3.69	4.9%	21	3.52	0.0%
<b>2.C. Wound and skin assessment</b>	-	8	3.75	0.0%	21	3.81	0.0%	68	3.76	0.0%	71	3.86	0.0%	41	3.90	2.4%	21	3.81	0.0%
<b>2.D. Pain assessment</b>	-	8	3.00	0.0%	21	3.33	0.0%	68	3.37	0.0%	71	3.61	0.0%	41	3.43	2.4%	21	3.43	0.0%
<b>2.E. Risk assessment</b>	-	8	3.13	0.0%	21	3.20	4.8%	68	3.46	0.0%	71	3.55	0.0%	41	3.62	4.9%	21	3.29	0.0%
<b>2.F. Functional assessment</b>	-	8	2.88	0.0%	21	3.10	0.0%	68	3.28	0.0%	71	3.47	1.4%	41	3.51	4.9%	21	3.19	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	8	2.71	12.5%	21	2.71	19.0%	68	3.08	7.4%	71	3.32	2.8%	41	3.26	7.3%	21	2.86	0.0%
<b>2.H. Nutrition</b>	-	8	3.25	0.0%	21	3.19	0.0%	68	3.48	1.5%	71	3.59	0.0%	41	3.64	4.9%	21	3.33	0.0%

Knowledge Topic	Knowledge Subtopic	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.A. Wound bed preparation/debridement</b>	-	8	3.14	12.5%	21	3.52	0.0%	68	3.50	2.9%	71	3.73	1.4%	41	3.76	7.3%	21	3.60	4.8%
<b>3.B. Dressings</b>	-	8	3.50	0.0%	21	3.71	0.0%	68	3.76	1.5%	71	3.75	0.0%	41	3.75	2.4%	21	3.76	0.0%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	8	3.13	0.0%	21	3.10	0.0%	68	3.40	8.8%	71	3.40	1.4%	41	3.35	9.8%	21	3.48	0.0%
<b>3.D. Topical agents</b>	-	8	3.13	0.0%	21	3.35	4.8%	68	3.39	1.5%	71	3.41	1.4%	41	3.43	2.4%	21	3.48	0.0%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	8	3.50	0.0%	21	3.50	4.8%	68	3.51	1.5%	71	3.61	0.0%	41	3.73	2.4%	21	3.57	0.0%
<b>3.F. Nutrition</b>	-	8	3.50	0.0%	21	3.19	0.0%	68	3.32	2.9%	71	3.54	0.0%	41	3.62	4.9%	21	3.14	0.0%
<b>3.G. Biophysical technologies</b>	-	8	2.17	25.0%	21	2.50	4.8%	68	2.81	23.5%	71	2.96	22.5%	41	2.73	26.8%	21	2.93	33.3%
3.G. Biophysical technologies	3.G.1. Electrical stimulation	8	2.33	62.5%	21	2.50	71.4%	68	2.91	66.2%	71	2.34	54.9%	41	2.18	58.5%	21	2.67	57.1%
3.G. Biophysical technologies	3.G.2. Ultrasound	8	2.75	50.0%	21	2.78	57.1%	68	2.89	58.8%	71	2.57	50.7%	41	2.39	56.1%	21	2.75	42.9%
3.G. Biophysical technologies	3.G.3. Diathermy	8	2.00	75.0%	21	2.71	66.7%	68	2.61	66.2%	71	2.43	60.6%	41	2.38	68.3%	21	2.75	61.9%
3.G. Biophysical technologies	3.G.4. Laser	8	2.00	75.0%	21	2.80	76.2%	68	2.81	69.1%	71	2.10	70.4%	41	2.42	70.7%	21	2.71	66.7%
3.G. Biophysical technologies	3.G.5. Ultraviolet C	8	2.00	75.0%	21	2.50	81.0%	68	2.61	73.5%	71	2.29	70.4%	41	2.33	70.7%	21	2.57	66.7%
<b>3.H. Compression therapy</b>	-	8	2.88	0.0%	21	3.00	9.5%	68	3.44	5.9%	71	3.54	1.4%	41	3.45	7.3%	21	3.16	9.5%
<b>3.I. Negative pressure wound therapy</b>	-	8	2.75	0.0%	21	3.28	14.3%	68	3.49	7.4%	71	3.54	1.4%	41	3.54	4.9%	21	3.47	9.5%
<b>3.J. Hyperbaric oxygen therapy</b>	-	8	2.00	37.5%	21	2.38	61.9%	68	3.49	45.6%	71	3.23	38.0%	41	3.27	36.6%	21	2.92	38.1%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	8	3.63	0.0%	21	3.53	9.5%	68	3.71	2.9%	71	3.80	0.0%	41	3.83	2.4%	21	3.57	0.0%
<b>3.L. Surgical closure or tissue transfer</b>	-	8	2.50	25.0%	21	2.65	4.8%	68	3.20	27.9%	71	3.00	25.4%	41	3.28	29.3%	21	3.07	28.6%
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	8	2.29	12.5%	21	2.72	14.3%	68	3.16	19.1%	71	3.31	8.5%	41	3.18	7.3%	21	3.13	23.8%
<b>4.A. Neuropathy</b>	-	8	3.13	0.0%	21	2.90	0.0%	68	3.28	4.4%	71	3.30	1.4%	41	3.28	4.9%	21	3.26	9.5%

Knowledge Topic	Knowledge Subtopic	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4.B. Diabetes</b>	-	8	3.38	0.0%	21	3.14	0.0%	68	3.53	0.0%	71	3.67	1.4%	41	3.65	2.4%	21	3.33	0.0%
<b>4.C. Venous insufficiency</b>	-	8	3.38	0.0%	21	3.29	0.0%	68	3.60	0.0%	71	3.69	1.4%	41	3.58	2.4%	21	3.52	0.0%
<b>4.D. Ischemia</b>	-	8	3.25	0.0%	21	3.14	0.0%	68	3.51	0.0%	71	3.61	1.4%	41	3.63	2.4%	21	3.52	0.0%
<b>4.E. Pressure related wounds</b>	-	8	3.50	0.0%	21	3.33	0.0%	68	3.57	0.0%	71	3.70	0.0%	41	3.70	2.4%	21	3.57	0.0%
<b>4.F. Lymphedema</b>	-	8	3.25	0.0%	21	2.95	0.0%	68	3.32	0.0%	71	3.40	1.4%	41	3.41	4.9%	21	3.05	0.0%
<b>4.G. Trauma</b>	-	8	3.13	0.0%	21	3.05	0.0%	68	3.31	1.5%	71	3.29	1.4%	41	3.38	2.4%	21	3.05	0.0%
<b>4.H. Surgical/surgical procedure</b>	-	8	3.00	0.0%	21	3.00	0.0%	68	3.38	5.9%	71	3.33	5.6%	41	3.32	9.8%	21	3.12	19.0%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	8	3.13	0.0%	21	2.70	4.8%	68	3.22	4.4%	71	3.16	4.2%	41	3.15	4.9%	21	2.95	9.5%
<b>4.J. Dermatological</b>	-	8	3.00	0.0%	21	2.40	4.8%	68	3.12	4.4%	71	3.16	5.6%	41	3.16	7.3%	21	3.05	4.8%
<b>4.K. Infectious</b>	-	8	3.13	0.0%	21	3.16	9.5%	68	3.46	0.0%	71	3.51	1.4%	41	3.53	2.4%	21	3.33	0.0%
<b>4.L. Burns</b>	-	8	2.63	0.0%	21	2.82	19.0%	68	3.14	16.2%	71	3.00	5.6%	41	3.08	9.8%	21	3.11	14.3%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	8	3.25	0.0%	21	3.05	0.0%	68	3.44	0.0%	71	3.54	1.4%	41	3.50	2.4%	21	3.38	0.0%
<b>4.N. Pediatric Issues</b>	-	8	2.00	50.0%	21	2.44	57.1%	68	2.94	50.0%	71	2.67	57.7%	41	2.62	68.3%	21	2.82	47.6%
<b>4.O. Inflammatory</b>	-	8	3.13	0.0%	21	2.95	0.0%	68	3.31	0.0%	71	3.40	1.4%	41	3.33	4.9%	21	3.24	0.0%
<b>5.A. Documentation/legal concepts</b>	-	8	3.00	12.5%	21	3.43	0.0%	68	3.42	5.9%	71	3.53	1.4%	41	3.46	0.0%	21	3.81	0.0%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	8	3.00	0.0%	21	3.29	0.0%	68	3.37	1.5%	71	3.56	1.4%	41	3.38	2.4%	21	3.33	0.0%
<b>5.C. Reimbursement and medical economics</b>	-	8	2.67	25.0%	21	2.56	23.8%	68	2.95	13.2%	71	3.18	4.2%	41	2.70	19.5%	21	2.78	14.3%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	8	3.63	0.0%	21	2.95	4.8%	68	3.25	1.5%	71	3.34	1.4%	41	3.13	2.4%	21	3.20	4.8%
<b>5.E. Multidisciplinary teams</b>	-	8	3.25	0.0%	21	3.05	4.8%	68	3.26	2.9%	71	3.47	1.4%	41	3.32	0.0%	21	3.26	9.5%

Knowledge Topic	Knowledge Subtopic	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>5.F. Epidemiology</b>	-	8	2.43	12.5%	21	2.82	19.0%	68	3.03	10.3%	71	3.25	8.5%	41	2.83	12.2%	21	2.63	9.5%
<b>5.G. Evidence-based practice and research</b>	-	8	3.50	0.0%	21	3.20	4.8%	68	3.18	4.4%	71	3.53	4.2%	41	3.29	0.0%	21	3.06	19.0%

Table J.4. CWCA Importance of Knowledge Topic Ratings by Workday Percentage

Knowledge Topic	Knowledge Subtopic	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	11	2.73	0.0%	14	3.43	0.0%	21	3.62	0.0%	38	3.26	0.0%	50	3.53	2.0%	75	3.61	1.3%
1.A. Anatomy and Physiology	1.A.1. Integumentary	11	3.00	0.0%	14	3.29	0.0%	21	3.52	0.0%	38	3.51	2.6%	50	3.57	2.0%	75	3.75	0.0%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	11	2.55	0.0%	14	3.23	7.1%	21	3.29	0.0%	38	2.94	5.3%	50	3.35	2.0%	75	3.37	0.0%
1.A. Anatomy and Physiology	1.A.3. Vascular	11	2.73	0.0%	14	3.50	0.0%	21	3.62	0.0%	38	3.38	2.6%	50	3.72	0.0%	75	3.77	0.0%
1.A. Anatomy and Physiology	1.A.4. Neurological	11	2.18	0.0%	14	2.92	7.1%	21	3.00	4.8%	38	2.78	2.6%	50	3.04	8.0%	75	3.14	5.3%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	11	2.18	0.0%	14	3.29	0.0%	21	3.29	0.0%	38	2.95	2.6%	50	3.37	2.0%	75	3.44	2.7%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	11	1.91	0.0%	14	3.00	7.1%	21	2.84	9.5%	38	2.78	2.6%	50	3.00	2.0%	75	3.09	1.3%
<b>1.B. Wound Healing</b>	-	11	3.18	0.0%	14	3.57	0.0%	21	3.81	0.0%	38	3.82	0.0%	50	3.88	0.0%	75	3.96	0.0%
1.B. Wound Healing	1.B.1. Phases	11	2.91	0.0%	14	3.14	0.0%	21	3.48	0.0%	38	3.45	0.0%	50	3.52	0.0%	75	3.65	0.0%
1.B. Wound Healing	1.B.2. Cell function (e.g., signalling proteins, cellular mediators)	11	2.55	0.0%	14	2.69	7.1%	21	2.95	0.0%	38	2.95	0.0%	50	3.04	0.0%	75	3.19	1.3%
1.B. Wound Healing	1.B.3. Acute vs. chronic	11	2.82	0.0%	14	3.14	0.0%	21	3.43	0.0%	38	3.42	0.0%	50	3.58	0.0%	75	3.61	0.0%
<b>2.A. History</b>	-	11	2.82	0.0%	14	3.36	0.0%	21	3.52	0.0%	38	3.37	0.0%	50	3.44	4.0%	75	3.61	0.0%

Knowledge Topic	Knowledge Subtopic	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>2.B. Physical examination</b>	-	11	3.40	9.1%	14	3.50	0.0%	21	3.62	0.0%	38	3.58	5.3%	50	3.57	6.0%	75	3.66	1.3%
<b>2.C. Wound and skin assessment</b>	-	11	3.40	9.1%	14	3.57	0.0%	21	3.76	0.0%	38	3.79	0.0%	50	3.92	0.0%	75	3.91	0.0%
<b>2.D. Pain assessment</b>	-	11	2.82	0.0%	14	3.07	0.0%	21	3.24	0.0%	38	3.45	0.0%	50	3.67	2.0%	75	3.51	0.0%
<b>2.E. Risk assessment</b>	-	11	2.90	9.1%	14	3.36	0.0%	21	3.24	0.0%	38	3.35	2.6%	50	3.61	2.0%	75	3.63	0.0%
<b>2.F. Functional assessment</b>	-	11	2.80	9.1%	14	3.14	0.0%	21	3.14	0.0%	38	3.38	2.6%	50	3.39	2.0%	75	3.49	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	11	2.11	18.2%	14	2.77	7.1%	21	3.10	4.8%	38	3.09	10.5%	50	3.22	10.0%	75	3.36	2.7%
<b>2.H. Nutrition</b>	-	11	3.11	18.2%	14	3.36	0.0%	21	3.14	0.0%	38	3.39	0.0%	50	3.45	2.0%	75	3.79	0.0%
<b>3.A. Wound bed preparation/debridement</b>	-	11	3.00	27.3%	14	3.00	0.0%	21	3.40	4.8%	38	3.57	2.6%	50	3.69	2.0%	75	3.84	1.3%
<b>3.B. Dressings</b>	-	11	3.33	18.2%	14	3.50	0.0%	21	3.71	0.0%	38	3.76	0.0%	50	3.76	0.0%	75	3.81	0.0%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	11	2.33	18.2%	14	3.15	7.1%	21	3.00	0.0%	38	3.41	2.6%	50	3.46	8.0%	75	3.51	4.0%
<b>3.D. Topical agents</b>	-	11	2.38	27.3%	14	3.00	0.0%	21	3.20	4.8%	38	3.37	0.0%	50	3.48	0.0%	75	3.57	0.0%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	11	2.78	18.2%	14	3.14	0.0%	21	3.45	4.8%	38	3.50	0.0%	50	3.70	0.0%	75	3.76	0.0%
<b>3.F. Nutrition</b>	-	11	3.22	18.2%	14	3.14	0.0%	21	3.14	0.0%	38	3.26	0.0%	50	3.46	4.0%	75	3.69	0.0%
<b>3.G. Biophysical technologies</b>	-	11	2.33	18.2%	14	2.50	14.3%	21	2.50	23.8%	38	2.75	15.8%	50	2.92	26.0%	75	2.93	24.0%
<b>3.G. Biophysical technologies</b>	3.G.1. Electrical stimulation	11	2.00	72.7%	14	2.00	35.7%	21	2.25	61.9%	38	2.47	50.0%	50	2.71	72.0%	75	2.64	62.7%
<b>3.G. Biophysical technologies</b>	3.G.2. Ultrasound	11	2.33	72.7%	14	2.00	35.7%	21	2.56	57.1%	38	2.78	52.6%	50	2.74	62.0%	75	2.78	52.0%
<b>3.G. Biophysical technologies</b>	3.G.3. Diathermy	11	2.00	63.6%	14	2.14	50.0%	21	2.60	76.2%	38	2.93	63.2%	50	2.65	66.0%	75	2.31	65.3%
<b>3.G. Biophysical technologies</b>	3.G.4. Laser	11	2.00	72.7%	14	2.14	50.0%	21	2.50	71.4%	38	3.00	73.7%	50	3.00	78.0%	75	2.13	68.0%
<b>3.G. Biophysical technologies</b>	3.G.5. Ultraviolet C	11	1.50	81.8%	14	2.14	50.0%	21	2.50	81.0%	38	2.69	65.8%	50	3.00	84.0%	75	2.17	69.3%
<b>3.H. Compression therapy</b>	-	11	2.50	27.3%	14	2.79	0.0%	21	3.32	9.5%	38	3.25	5.3%	50	3.54	4.0%	75	3.65	1.3%

Knowledge Topic	Knowledge Subtopic	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.I. Negative pressure wound therapy</b>	-	11	3.00	18.2%	14	2.85	7.1%	21	3.37	9.5%	38	3.32	10.5%	50	3.46	4.0%	75	3.73	0.0%
<b>3.J. Hyperbaric oxygen therapy</b>	-	11	2.00	81.8%	14	2.27	21.4%	21	3.09	47.6%	38	3.16	50.0%	50	3.26	54.0%	75	3.46	28.0%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	11	3.50	9.1%	14	3.71	0.0%	21	3.67	0.0%	38	3.59	2.6%	50	3.77	6.0%	75	3.87	0.0%
<b>3.L. Surgical closure or tissue transfer</b>	-	11	2.17	45.5%	14	3.00	28.6%	21	2.83	14.3%	38	3.15	28.9%	50	2.92	26.0%	75	3.25	21.3%
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	11	2.50	27.3%	14	3.08	7.1%	21	3.21	9.5%	38	2.84	15.8%	50	3.22	18.0%	75	3.30	6.7%
<b>4.A. Neuropathy</b>	-	11	2.22	18.2%	14	2.92	7.1%	21	3.14	0.0%	38	3.22	5.3%	50	3.18	2.0%	75	3.49	0.0%
<b>4.B. Diabetes</b>	-	11	2.67	18.2%	14	3.43	0.0%	21	3.43	0.0%	38	3.45	0.0%	50	3.58	0.0%	75	3.76	0.0%
<b>4.C. Venous insufficiency</b>	-	11	2.89	18.2%	14	3.36	0.0%	21	3.52	0.0%	38	3.50	0.0%	50	3.60	0.0%	75	3.76	0.0%
<b>4.D. Ischemia</b>	-	11	2.78	18.2%	14	3.43	0.0%	21	3.48	0.0%	38	3.32	0.0%	50	3.50	0.0%	75	3.76	0.0%
<b>4.E. Pressure related wounds</b>	-	11	2.90	9.1%	14	3.50	0.0%	21	3.48	0.0%	38	3.55	0.0%	50	3.62	0.0%	75	3.80	0.0%
<b>4.F. Lymphedema</b>	-	11	2.22	18.2%	14	3.00	0.0%	21	3.29	0.0%	38	3.11	0.0%	50	3.36	0.0%	75	3.62	1.3%
<b>4.G. Trauma</b>	-	11	2.22	18.2%	14	2.86	0.0%	21	3.33	0.0%	38	3.00	0.0%	50	3.33	2.0%	75	3.59	0.0%
<b>4.H. Surgical/surgical procedure</b>	-	11	2.30	9.1%	14	3.08	7.1%	21	3.29	0.0%	38	3.24	10.5%	50	3.37	8.0%	75	3.45	2.7%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	11	2.10	9.1%	14	2.77	7.1%	21	3.10	4.8%	38	3.08	5.3%	50	3.13	6.0%	75	3.36	1.3%
<b>4.J. Dermatological</b>	-	11	2.00	18.2%	14	2.77	7.1%	21	2.90	0.0%	38	3.03	10.5%	50	3.06	6.0%	75	3.31	1.3%
<b>4.K. Infectious</b>	-	11	2.44	18.2%	14	3.21	0.0%	21	3.35	4.8%	38	3.43	2.6%	50	3.46	0.0%	75	3.64	0.0%
<b>4.L. Burns</b>	-	11	1.67	45.5%	14	2.90	28.6%	21	2.75	23.8%	38	2.83	5.3%	50	3.07	8.0%	75	3.29	4.0%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	11	2.44	18.2%	14	3.14	0.0%	21	3.33	0.0%	38	3.39	0.0%	50	3.46	0.0%	75	3.65	0.0%
<b>4.N. Pediatric Issues</b>	-	11	1.00	90.9%	14	2.63	42.9%	21	2.00	52.4%	38	2.76	55.3%	50	2.71	66.0%	75	2.95	50.7%

Knowledge Topic	Knowledge Subtopic	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4.O. Inflammatory</b>	-	11	2.10	9.1%	14	3.00	0.0%	21	3.24	0.0%	38	3.22	2.6%	50	3.35	2.0%	75	3.55	0.0%
<b>5.A. Documentation/legal concepts</b>	-	11	3.09	0.0%	14	3.29	0.0%	21	3.30	4.8%	38	3.27	2.6%	50	3.52	4.0%	75	3.63	2.7%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	11	2.55	0.0%	14	3.00	0.0%	21	3.65	4.8%	38	3.21	0.0%	50	3.46	0.0%	75	3.63	2.7%
<b>5.C. Reimbursement and medical economics</b>	-	11	2.11	18.2%	14	3.07	0.0%	21	2.88	23.8%	38	2.81	18.4%	50	2.89	8.0%	75	3.15	12.0%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	11	2.40	9.1%	14	2.86	0.0%	21	3.26	9.5%	38	3.21	0.0%	50	3.30	0.0%	75	3.41	1.3%
<b>5.E. Multidisciplinary teams</b>	-	11	2.73	0.0%	14	3.38	7.1%	21	3.15	4.8%	38	3.11	0.0%	50	3.38	4.0%	75	3.52	0.0%
<b>5.F. Epidemiology</b>	-	11	2.67	18.2%	14	2.92	7.1%	21	3.05	4.8%	38	2.91	15.8%	50	3.00	12.0%	75	3.16	9.3%
<b>5.G. Evidence-based practice and research</b>	-	11	2.50	9.1%	14	3.29	0.0%	21	3.10	0.0%	38	3.28	5.3%	50	3.43	6.0%	75	3.50	1.3%

Table J.5. CWCA Importance of Knowledge Topic Ratings by Primary Placement

Knowledge Topic	Knowledge Subtopic	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	43	3.60	0.0%	14	3.36	0.0%	47	3.36	0.0%	28	3.43	0.0%	60	3.53	3.3%
1.A. Anatomy and Physiology	1.A.1. Integumentary	43	3.60	2.3%	14	3.57	0.0%	47	3.55	0.0%	28	3.46	0.0%	60	3.63	0.0%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	43	3.37	4.7%	14	2.93	0.0%	47	3.15	0.0%	28	3.29	0.0%	60	3.28	0.0%
1.A. Anatomy and Physiology	1.A.3. Vascular	43	3.60	0.0%	14	3.21	0.0%	47	3.70	0.0%	28	3.36	0.0%	60	3.77	0.0%
1.A. Anatomy and Physiology	1.A.4. Neurological	43	3.05	4.7%	14	2.57	0.0%	47	2.81	8.5%	28	3.07	0.0%	60	3.12	5.0%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	43	3.24	2.3%	14	2.79	0.0%	47	3.20	4.3%	28	3.07	0.0%	60	3.53	0.0%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	43	2.90	7.0%	14	2.57	0.0%	47	2.85	2.1%	28	3.00	0.0%	60	3.02	0.0%

Knowledge Topic	Knowledge Subtopic	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.B. Wound Healing</b>	-	43	3.91	0.0%	14	3.71	0.0%	47	3.85	0.0%	28	3.64	0.0%	60	3.95	0.0%
1.B. Wound Healing	1.B.1. Phases	43	3.53	0.0%	14	3.14	0.0%	47	3.49	0.0%	28	3.18	0.0%	60	3.70	0.0%
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	43	2.98	0.0%	14	2.64	0.0%	47	3.07	2.1%	28	3.00	0.0%	60	3.15	0.0%
1.B. Wound Healing	1.B.3. Acute vs. chronic	43	3.58	0.0%	14	3.36	0.0%	47	3.47	0.0%	28	3.32	0.0%	60	3.57	0.0%
<b>2.A. History</b>	-	43	3.40	2.3%	14	3.07	0.0%	47	3.57	0.0%	28	3.57	0.0%	60	3.53	0.0%
<b>2.B. Physical examination</b>	-	43	3.73	7.0%	14	3.21	0.0%	47	3.60	0.0%	28	3.68	0.0%	60	3.61	1.7%
<b>2.C. Wound and skin assessment</b>	-	43	3.86	0.0%	14	3.79	0.0%	47	3.85	0.0%	28	3.68	0.0%	60	3.88	0.0%
<b>2.D. Pain assessment</b>	-	43	3.30	0.0%	14	3.50	0.0%	47	3.55	0.0%	28	3.54	0.0%	60	3.48	0.0%
<b>2.E. Risk assessment</b>	-	43	3.40	0.0%	14	3.36	0.0%	47	3.49	0.0%	28	3.43	0.0%	60	3.59	1.7%
<b>2.F. Functional assessment</b>	-	43	3.19	0.0%	14	3.21	0.0%	47	3.43	0.0%	28	3.39	0.0%	60	3.43	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	43	2.97	9.3%	14	2.77	7.1%	47	3.20	4.3%	28	2.96	7.1%	60	3.40	0.0%
<b>2.H. Nutrition</b>	-	43	3.28	0.0%	14	3.36	0.0%	47	3.70	0.0%	28	3.39	0.0%	60	3.72	0.0%
<b>3.A. Wound bed preparation/debridement</b>	-	43	3.52	2.3%	14	3.43	0.0%	47	3.61	2.1%	28	3.38	7.1%	60	3.86	1.7%
<b>3.B. Dressings</b>	-	43	3.70	0.0%	14	3.57	0.0%	47	3.77	0.0%	28	3.57	0.0%	60	3.83	0.0%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	43	3.14	0.0%	14	2.93	0.0%	47	3.56	12.8%	28	3.04	7.1%	60	3.53	0.0%
<b>3.D. Topical agents</b>	-	43	3.36	2.3%	14	2.93	0.0%	47	3.45	0.0%	28	3.15	3.6%	60	3.53	0.0%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	43	3.56	0.0%	14	3.29	0.0%	47	3.64	0.0%	28	3.41	3.6%	60	3.70	0.0%
<b>3.F. Nutrition</b>	-	43	3.33	2.3%	14	3.14	0.0%	47	3.60	0.0%	28	3.29	0.0%	60	3.58	0.0%
<b>3.G. Biophysical technologies</b>	-	43	2.65	20.9%	14	2.54	7.1%	47	2.87	19.1%	28	2.52	25.0%	60	3.02	21.7%
<b>3.G. Biophysical technologies</b>	3.G.1. Electrical stimulation	43	2.46	69.8%	14	2.50	57.1%	47	2.61	61.7%	28	2.20	46.4%	60	2.71	65.0%

Knowledge Topic	Knowledge Subtopic	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
3.G. Biophysical technologies	3.G.2. Ultrasound	43	2.41	60.5%	14	2.67	35.7%	47	2.84	59.6%	28	2.27	60.7%	60	2.89	53.3%
3.G. Biophysical technologies	3.G.3. Diathermy	43	2.54	69.8%	14	2.60	64.3%	47	2.88	66.0%	28	2.11	67.9%	60	2.45	63.3%
3.G. Biophysical technologies	3.G.4. Laser	43	2.38	69.8%	14	2.75	71.4%	47	2.64	76.6%	28	2.25	71.4%	60	2.37	68.3%
3.G. Biophysical technologies	3.G.5. Ultraviolet C	43	2.36	74.4%	14	2.60	64.3%	47	2.64	76.6%	28	2.25	71.4%	60	2.35	71.7%
<b>3.H. Compression therapy</b>	-	43	3.37	4.7%	14	2.85	7.1%	47	3.21	8.5%	28	3.27	7.1%	60	3.85	0.0%
<b>3.I. Negative pressure wound therapy</b>	-	43	3.62	2.3%	14	3.29	0.0%	47	3.32	6.4%	28	3.19	7.1%	60	3.76	1.7%
<b>3.J. Hyperbaric oxygen therapy</b>	-	43	3.08	41.9%	14	2.50	57.1%	47	3.17	74.5%	28	2.75	42.9%	60	3.64	16.7%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	43	3.78	7.0%	14	3.57	0.0%	47	3.78	2.1%	28	3.61	0.0%	60	3.80	0.0%
<b>3.L. Surgical closure or tissue transfer</b>	-	43	3.05	14.0%	14	2.71	0.0%	47	3.13	48.9%	28	3.12	39.3%	60	3.13	8.3%
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	43	2.92	16.3%	14	2.79	0.0%	47	3.26	25.5%	28	3.09	17.9%	60	3.37	0.0%
<b>4.A. Neuropathy</b>	-	43	3.10	7.0%	14	2.79	0.0%	47	3.20	2.1%	28	3.19	3.6%	60	3.52	0.0%
<b>4.B. Diabetes</b>	-	43	3.48	2.3%	14	3.29	0.0%	47	3.53	0.0%	28	3.36	0.0%	60	3.82	0.0%
<b>4.C. Venous insufficiency</b>	-	43	3.52	2.3%	14	3.29	0.0%	47	3.57	0.0%	28	3.29	0.0%	60	3.85	0.0%
<b>4.D. Ischemia</b>	-	43	3.52	2.3%	14	3.14	0.0%	47	3.47	0.0%	28	3.25	0.0%	60	3.78	0.0%
<b>4.E. Pressure related wounds</b>	-	43	3.56	0.0%	14	3.29	0.0%	47	3.64	0.0%	28	3.36	0.0%	60	3.80	0.0%
<b>4.F. Lymphedema</b>	-	43	3.15	4.7%	14	2.93	0.0%	47	3.28	0.0%	28	3.00	0.0%	60	3.73	0.0%
<b>4.G. Trauma</b>	-	43	3.31	2.3%	14	2.93	0.0%	47	3.20	2.1%	28	3.00	0.0%	60	3.57	0.0%
<b>4.H. Surgical/surgical procedure</b>	-	43	3.36	2.3%	14	3.07	0.0%	47	3.12	8.5%	28	3.09	17.9%	60	3.51	1.7%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	43	3.07	4.7%	14	2.86	0.0%	47	2.93	4.3%	28	3.04	14.3%	60	3.43	0.0%

Knowledge Topic	Knowledge Subtopic	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4.J. Dermatological</b>	-	43	2.88	4.7%	14	2.93	0.0%	47	3.07	6.4%	28	2.88	7.1%	60	3.33	3.3%
<b>4.K. Infectious</b>	-	43	3.43	2.3%	14	3.21	0.0%	47	3.40	0.0%	28	3.22	3.6%	60	3.71	1.7%
<b>4.L. Burns</b>	-	43	2.89	14.0%	14	2.79	0.0%	47	3.09	25.5%	28	2.58	7.1%	60	3.32	1.7%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	43	3.31	2.3%	14	3.21	0.0%	47	3.43	0.0%	28	3.18	0.0%	60	3.73	0.0%
<b>4.N. Pediatric Issues</b>	-	43	2.77	48.8%	14	2.57	50.0%	47	2.88	83.0%	28	2.30	64.3%	60	2.89	41.7%
<b>4.O. Inflammatory</b>	-	43	3.14	2.3%	14	3.07	0.0%	47	3.13	2.1%	28	3.29	0.0%	60	3.63	0.0%
<b>5.A. Documentation/legal concepts</b>	-	43	3.36	9.3%	14	3.43	0.0%	47	3.49	0.0%	28	3.32	0.0%	60	3.57	0.0%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	43	3.21	2.3%	14	3.36	0.0%	47	3.33	2.1%	28	3.46	0.0%	60	3.67	0.0%
<b>5.C. Reimbursement and medical economics</b>	-	43	2.88	25.6%	14	2.69	7.1%	47	2.67	17.0%	28	2.84	10.7%	60	3.25	5.0%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	43	3.15	7.0%	14	3.00	0.0%	47	3.28	2.1%	28	3.21	0.0%	60	3.45	0.0%
<b>5.E. Multidisciplinary teams</b>	-	43	3.29	2.3%	14	3.43	0.0%	47	3.36	0.0%	28	3.19	3.6%	60	3.42	1.7%
<b>5.F. Epidemiology</b>	-	43	2.91	20.9%	14	2.92	7.1%	47	3.05	19.1%	28	3.11	3.6%	60	3.12	3.3%
<b>5.G. Evidence-based practice and research</b>	-	43	3.14	2.3%	14	3.50	0.0%	47	3.44	4.3%	28	3.38	7.1%	60	3.41	3.3%

Table J.5. CWCA Importance of Knowledge Topic Ratings by Primary Placement (Cont.)

Knowledge Topic	Knowledge Subtopic	Private Practice			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	10	3.80	0.0%	4	2.75	0.0%	3	2.67	0.0%	21	3.19	0.0%
1.A. Anatomy and Physiology	1.A.1. Integumentary	10	3.80	0.0%	4	3.00	25.0%	3	3.00	0.0%	21	3.38	0.0%

Knowledge Topic	Knowledge Subtopic	Private Practice			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	10	3.44	10.0%	4	2.33	25.0%	3	2.67	0.0%	21	2.81	0.0%
1.A. Anatomy and Physiology	1.A.3. Vascular	10	3.80	0.0%	4	2.67	25.0%	3	3.00	0.0%	21	3.48	0.0%
1.A. Anatomy and Physiology	1.A.4. Neurological	10	3.11	10.0%	4	2.00	25.0%	3	2.67	0.0%	21	3.05	9.5%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	10	3.40	0.0%	4	2.33	25.0%	3	2.00	0.0%	21	3.19	0.0%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	10	3.20	0.0%	4	3.00	50.0%	3	2.33	0.0%	21	2.67	0.0%
<b>1.B. Wound Healing</b>	-	10	3.90	0.0%	4	3.25	0.0%	3	3.00	0.0%	21	3.67	0.0%
1.B. Wound Healing	1.B.1. Phases	10	3.80	0.0%	4	3.00	0.0%	3	3.00	0.0%	21	3.55	4.8%
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	10	3.22	10.0%	4	2.50	0.0%	3	2.33	0.0%	21	2.85	4.8%
1.B. Wound Healing	1.B.3. Acute vs. chronic	10	3.60	0.0%	4	3.25	0.0%	3	2.33	0.0%	21	3.24	0.0%
<b>2.A. History</b>	-	10	3.30	0.0%	4	3.00	25.0%	3	2.67	0.0%	21	3.40	4.8%
<b>2.B. Physical examination</b>	-	10	3.50	0.0%	4	3.50	50.0%	3	3.00	33.3%	21	3.52	0.0%
<b>2.C. Wound and skin assessment</b>	-	10	3.80	0.0%	4	3.50	0.0%	3	4.00	33.3%	21	3.81	0.0%
<b>2.D. Pain assessment</b>	-	10	3.40	0.0%	4	2.33	25.0%	3	3.00	0.0%	21	3.43	0.0%
<b>2.E. Risk assessment</b>	-	10	3.50	0.0%	4	3.33	25.0%	3	3.50	33.3%	21	3.29	0.0%
<b>2.F. Functional assessment</b>	-	10	3.30	0.0%	4	3.50	50.0%	3	3.50	33.3%	21	3.19	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	10	3.71	30.0%	4	2.00	50.0%	3	2.50	33.3%	21	2.86	0.0%
<b>2.H. Nutrition</b>	-	10	3.22	10.0%	4	2.33	25.0%	3	3.50	33.3%	21	3.33	0.0%
<b>3.A. Wound bed preparation/debridement</b>	-	10	4.00	10.0%	4	2.50	0.0%	3	3.50	33.3%	21	3.60	4.8%
<b>3.B. Dressings</b>	-	10	3.89	10.0%	4	3.75	0.0%	3	4.00	33.3%	21	3.76	0.0%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	10	3.75	20.0%	4	3.25	0.0%	3	3.50	33.3%	21	3.48	0.0%

Knowledge Topic	Knowledge Subtopic	Private Practice			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.D. Topical agents</b>	-	10	3.78	10.0%	4	3.25	0.0%	3	3.50	33.3%	21	3.48	0.0%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	10	3.67	10.0%	4	3.25	0.0%	3	4.00	33.3%	21	3.57	0.0%
<b>3.F. Nutrition</b>	-	10	3.56	10.0%	4	2.67	25.0%	3	3.00	33.3%	21	3.14	0.0%
<b>3.G. Biophysical technologies</b>	-	10	2.67	40.0%	4	3.00	50.0%	3	2.50	33.3%	21	2.93	33.3%
3.G. Biophysical technologies	3.G.1. Electrical stimulation	10	2.50	40.0%	4	1.00	75.0%	3	1.00	66.7%	21	2.67	57.1%
3.G. Biophysical technologies	3.G.2. Ultrasound	10	2.86	30.0%	4	1.00	75.0%	3	2.00	33.3%	21	2.75	42.9%
3.G. Biophysical technologies	3.G.3. Diathermy	10	2.80	50.0%	4	1.00	75.0%	3	1.00	33.3%	21	2.75	61.9%
3.G. Biophysical technologies	3.G.4. Laser	10	3.00	50.0%	4	1.00	75.0%	3		100.0%	21	2.71	66.7%
3.G. Biophysical technologies	3.G.5. Ultraviolet C	10	2.50	60.0%	4	1.00	75.0%	3		100.0%	21	2.57	66.7%
<b>3.H. Compression therapy</b>	-	10	3.50	0.0%	4	2.00	0.0%	3	3.50	33.3%	21	3.16	9.5%
<b>3.I. Negative pressure wound therapy</b>	-	10	3.13	20.0%	4	2.33	25.0%	3	3.00	33.3%	21	3.47	9.5%
<b>3.J. Hyperbaric oxygen therapy</b>	-	10	3.00	30.0%	4	1.67	25.0%	3	3.00	66.7%	21	2.92	38.1%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	10	3.80	0.0%	4	3.50	0.0%	3	4.00	33.3%	21	3.57	0.0%
<b>3.L. Surgical closure or tissue transfer</b>	-	10	3.00	30.0%	4	2.33	25.0%	3		100.0%	21	3.07	28.6%
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	10	3.33	10.0%	4	2.00	0.0%	3	3.00	33.3%	21	3.13	23.8%
<b>4.A. Neuropathy</b>	-	10	3.60	0.0%	4	2.00	0.0%	3	3.50	33.3%	21	3.26	9.5%
<b>4.B. Diabetes</b>	-	10	3.80	0.0%	4	2.75	0.0%	3	3.00	33.3%	21	3.33	0.0%
<b>4.C. Venous insufficiency</b>	-	10	3.90	0.0%	4	2.75	0.0%	3	3.50	33.3%	21	3.52	0.0%
<b>4.D. Ischemia</b>	-	10	3.90	0.0%	4	2.50	0.0%	3	3.50	33.3%	21	3.52	0.0%

Knowledge Topic	Knowledge Subtopic	Private Practice			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4.E. Pressure related wounds</b>	-	10	3.90	0.0%	4	3.25	0.0%	3	4.00	33.3%	21	3.57	0.0%
<b>4.F. Lymphedema</b>	-	10	3.80	0.0%	4	2.25	0.0%	3	3.00	33.3%	21	3.05	0.0%
<b>4.G. Trauma</b>	-	10	3.60	0.0%	4	2.25	0.0%	3	3.00	33.3%	21	3.05	0.0%
<b>4.H. Surgical/surgical procedure</b>	-	10	3.50	0.0%	4	3.25	0.0%	3	2.50	33.3%	21	3.12	19.0%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	10	3.60	0.0%	4	2.00	0.0%	3	2.50	33.3%	21	2.95	9.5%
<b>4.J. Dermatological</b>	-	10	3.50	0.0%	4	2.00	25.0%	3	2.00	33.3%	21	3.05	4.8%
<b>4.K. Infectious</b>	-	10	3.80	0.0%	4	2.00	0.0%	3	3.00	33.3%	21	3.33	0.0%
<b>4.L. Burns</b>	-	10	3.44	10.0%	4	2.25	0.0%	3	3.00	33.3%	21	3.11	14.3%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	10	3.70	0.0%	4	2.25	0.0%	3	4.00	33.3%	21	3.38	0.0%
<b>4.N. Pediatric Issues</b>	-	10	2.33	40.0%	4	2.00	75.0%	3	2.00	66.7%	21	2.82	47.6%
<b>4.O. Inflammatory</b>	-	10	3.50	0.0%	4	2.25	0.0%	3	3.50	33.3%	21	3.24	0.0%
<b>5.A. Documentation/legal concepts</b>	-	10	3.67	10.0%	4	3.33	25.0%	3	2.67	0.0%	21	3.81	0.0%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	10	3.50	0.0%	4	2.33	25.0%	3	3.00	0.0%	21	3.33	0.0%
<b>5.C. Reimbursement and medical economics</b>	-	10	3.22	10.0%	4	3.25	0.0%	3	2.33	0.0%	21	2.78	14.3%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	10	3.30	0.0%	4	2.00	0.0%	3	2.67	0.0%	21	3.20	4.8%
<b>5.E. Multidisciplinary teams</b>	-	10	3.44	10.0%	4	2.50	0.0%	3	2.67	0.0%	21	3.26	9.5%
<b>5.F. Epidemiology</b>	-	10	3.30	0.0%	4	2.33	25.0%	3	1.67	0.0%	21	2.63	9.5%
<b>5.G. Evidence-based practice and research</b>	-	10	3.40	0.0%	4	2.50	0.0%	3	2.67	0.0%	21	3.06	19.0%

Table J.6. CWCA Task Statement Ratings by Importance

Task Domain	Task	Stats		
		n	Mean Rankings	% Not Part of Practice
Patient Preparation	A.1. Ensure proper cleaning of examination rooms between patients (e.g., OSHA guidelines, sanitation, infection control)	211	3.54	19.43%
Patient Preparation	A.2. Disinfect equipment	211	3.56	10.90%
Patient Preparation	A.3. Perform safe patient handling techniques	211	3.59	4.74%
Patient Preparation	A.4. Assist in obtaining health and medication history	211	3.38	5.69%
Patient Preparation	A.5. Obtain recent nutritional history and needs	211	3.27	8.06%
Patient Preparation	A.6. Take and monitor vital signs	211	3.14	10.43%
Patient Preparation	A.7. Photograph the wound	211	3.41	17.54%
Patient Preparation	A.8. Assist with ensuring aseptic or sterile techniques for procedures	211	3.62	6.64%
Patient Preparation	A.9. Set up equipment for procedures	211	3.37	14.69%
Patient Preparation	A.10. Prepare wound for procedures (e.g., cleansing, removing dressings, topically anesthetize)	211	3.66	8.06%
Patient Assessment	A.11. Assess, or assist with assessing blood flow (e.g., perform Doppler, check pulses, Ankle Brachial Index)	212	3.29	14.62%
Patient Assessment	A.12. Assess, or assist with assessing for risk of pressure wound development	212	3.57	2.36%
Patient Assessment	A.13. Assess, or assist with assessing level of pain	212	3.33	2.36%
Patient Assessment	A.14. Assess, or assist with assessing edema (e.g., limb circumference, volume)	212	3.36	4.25%
Patient Assessment	A.15. Assess, or assist with assessing functional status (e.g., ambulatory status, mobility)	212	3.28	4.25%
Patient Assessment	A.16. Assess, or assist with assessing skin (e.g., for color, swelling, and temperature)	212	3.57	0.94%
Patient Assessment	A.17. Assess, or assist with assessing wound and periwound characteristics (e.g., stage, partial vs full thickness)	212	3.64	0.47%
Patient Assessment	A.18. Assess, or assist with assessing sensory function (e.g., monofilament testing, vibration testing)	212	3.22	25.94%
Patient Assessment	A.19. Identify psychosocial barriers (e.g., cognitive, financial, religious/cultural)	212	3.11	8.96%
Patient Assessment	A.20. Assess and describe wound characteristics (e.g., tissue type, measurements, amount of drainage, type of drainage)	212	3.73	0.47%
Treatment	A.21. Apply, or assist with appropriate dressings	214	3.69	2.34%

Task Domain	Task	Stats		
		n	Mean Rankings	% Not Part of Practice
Treatment	A.22. Apply, or assist with compression wraps and stockings	214	3.60	4.21%
Treatment	A.23. Apply, or assist with barrier products	214	3.60	4.21%
Treatment	A.24. Remove, or assist with staples or sutures	214	3.09	10.28%
Treatment	A.25. Apply, or assist with offloading systems	214	3.62	5.14%
Treatment	A.26. Assist with application of cellular and/or tissue products	214	3.26	27.57%
Treatment	A.27. Assist with biopsy	214	3.08	37.85%
Treatment	A.28. Assist with or perform negative pressure wound therapy application or removal	214	3.63	7.01%
Treatment	A.29. Assist with or perform debridement	214	3.32	20.09%
Treatment	A.30. Assist with or perform culture/aspiration	214	3.21	18.22%
Treatment	A.31. Assist with or perform wound irrigation or cleansing	214	3.59	4.67%
Treatment	A.32. Assist with or perform biophysical technologies (e.g., diathermy, ultrasound, laser)	214	2.97	67.29%
Education	A.33. Provide education or demonstrate an understanding of offloading and/or pressure relief	213	3.60	1.41%
Education	A.34. Provide education or demonstrate an understanding of wound care protocols rationale	213	3.47	0.94%
Education	A.35. Provide education or demonstrate an understanding of therapeutic interventions (e.g., dressings, wound products, negative pressure, compression systems)	213	3.57	0.94%
Education	A.36. Provide education or demonstrate an understanding of medication reconciliation	213	3.13	9.39%
Education	A.37. Provide education or demonstrate an understanding of lifestyle changes (e.g., smoking cessation, diet, nutrition)	213	3.36	4.23%
Education	A.38. Provide education or demonstrate an understanding of disease process	213	3.35	2.35%
Education	A.39. Provide education or demonstrate an understanding of diagnostic testing	213	3.10	9.86%
Education	A.40. Provide education or demonstrate an understanding of skin care	213	3.55	0.94%
Education	A.41. Provide education or demonstrate an understanding of pain management	213	3.25	3.29%
Education	A.42. Provide education or demonstrate an understanding of universal precautions	213	3.40	2.35%

Task Domain	Task							Stats								
		n			Mean Rankings			% Not Part of Practice								
Education	A.43. Provide education or demonstrate an understanding of positioning and mobility							213			3.58					
Professional Issues	A.44. Document patient information (e.g., medications, progress, billing, photographs)							214			3.32					
Professional Issues	A.45. Coordinate wound care with supervisor and other team members							214			3.43					
Professional Issues	A.46. Consider financial implications of selected interventions							214			2.90					
Professional Issues	A.47. Follow confidentiality and security regulations							214			3.62					
Professional Issues	A.48. Read current literature on wound care trends							214			3.21					
Professional Issues	A.49. Recognize strength of evidence related to research							214			3.12					
Professional Issues	A.50. Adhere to professional ethical guidelines							214			3.63					

Table J.7. CWCA Importance of Tasks by Designation

Task Domain	Task	Certified Nursing Assistant (CNA)			Hyperbaric Technician (CHT)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist Assistant (OTA)			Medical Assistant		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.1. Ensure proper cleaning of examination rooms between patients (e.g., OSHA guidelines, sanitation, infection control)	4	3.25	0.0%	1	4.00	0.0%	82	3.54	17.1%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
Patient Preparation	A.2. Disinfect equipment	4	3.25	0.0%	1	4.00	0.0%	82	3.56	8.5%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
Patient Preparation	A.3. Perform safe patient handling techniques	4	3.25	0.0%	1	4.00	0.0%	82	3.58	3.7%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
Patient Preparation	A.4. Assist in obtaining health and medication history	4	2.75	0.0%	1	3.00	0.0%	82	3.41	2.4%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
Patient Preparation	A.5. Obtain recent nutritional history and needs	4	2.75	0.0%	1	2.00	0.0%	82	3.30	3.7%	3	3.67	0.0%	1	3.00	0.0%	3	4.00	0.0%
Patient Preparation	A.6. Take and monitor vital signs	4	3.33	25.0%	1	4.00	0.0%	82	3.22	1.2%	3	3.67	0.0%	1	3.00	0.0%	3	3.67	0.0%
Patient Preparation	A.7. Photograph the wound	4	3.25	0.0%	1		100.0%	82	3.25	22.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
Patient Preparation	A.8. Assist with ensuring aseptic or sterile techniques for procedures	4	3.25	0.0%	1	2.00	0.0%	82	3.67	3.7%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
Patient Preparation	A.9. Set up equipment for procedures	4	3.50	0.0%	1	2.00	0.0%	82	3.35	9.8%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%

Task Domain	Task	Certified Nursing Assistant (CNA)			Hyperbaric Technician (CHT)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist Assistant (OTA)			Medical Assistant		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.10. Prepare wound for procedures (e.g., cleansing, removing dressings, topically anesthetize)	4	3.25	0.0%	1	3.00	0.0%	82	3.63	3.7%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
Patient Assessment	A.11. Assess, or assist with assessing blood flow (e.g., perform Doppler, check pulses, Ankle Brachial Index)	4	3.33	25.0%	1	4.00	0.0%	82	3.30	15.9%	3	3.67	0.0%	1	100.0%		3	3.33	0.0%
Patient Assessment	A.12. Assess, or assist with assessing for risk of pressure wound development	4	3.25	0.0%	1	2.00	0.0%	82	3.55	2.4%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
Patient Assessment	A.13. Assess, or assist with assessing level of pain	4	3.00	0.0%	1	2.00	0.0%	82	3.39	0.0%	3	3.33	0.0%	1	4.00	0.0%	3	3.33	0.0%
Patient Assessment	A.14. Assess, or assist with assessing edema (e.g., limb circumference, volume)	4	3.25	0.0%	1	3.00	0.0%	82	3.35	3.7%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
Patient Assessment	A.15. Assess, or assist with assessing functional status (e.g., ambulatory status, mobility)	4	3.25	0.0%	1	2.00	0.0%	82	3.27	1.2%	3	3.67	0.0%	1	4.00	0.0%	3	3.33	0.0%
Patient Assessment	A.16. Assess, or assist with assessing skin (e.g., for color, swelling, and temperature)	4	3.50	0.0%	1	2.00	0.0%	82	3.50	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
Patient Assessment	A.17. Assess, or assist with assessing wound and periwound characteristics (e.g., stage, partial vs full thickness)	4	3.25	0.0%	1	2.00	0.0%	82	3.61	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
Patient Assessment	A.18. Assess, or assist with assessing sensory function (e.g., monofilament testing, vibration testing)	4	3.50	0.0%	1	1.00	0.0%	82	3.18	25.6%	3	3.33	0.0%	1	3.00	0.0%	3	3.67	0.0%
Patient Assessment	A.19. Identify psychosocial barriers (e.g., cognitive, financial, religious/cultural)	4	2.75	0.0%	1	1.00	0.0%	82	3.16	9.8%	3	3.67	0.0%	1	4.00	0.0%	3	3.33	0.0%
Patient Assessment	A.20. Assess and describe wound characteristics (e.g., tissue type, measurements, amount of drainage, type of drainage)	4	3.50	0.0%	1	3.00	0.0%	82	3.70	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
Treatment	A.21. Apply, or assist with appropriate dressings	4	3.50	0.0%	1	3.00	0.0%	82	3.68	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
Treatment	A.22. Apply, or assist with compression wraps and stockings	4	3.50	0.0%	1	2.00	0.0%	82	3.61	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
Treatment	A.23. Apply, or assist with barrier products	4	3.50	0.0%	1	2.00	0.0%	82	3.59	1.2%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
Treatment	A.24. Remove, or assist with staples or sutures	4	2.75	0.0%	1	100.0%		82	3.21	2.4%	3	3.33	0.0%	1	3.00	0.0%	3	3.33	0.0%

Task Domain	Task	Certified Nursing Assistant (CNA)			Hyperbaric Technician (CHT)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist Assistant (OTA)			Medical Assistant		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment	A.25. Apply, or assist with offloading systems	4	3.50	0.0%	1		100.0%	82	3.66	3.7%	3	4.00	0.0%	1	3.00	0.0%	3	4.00	0.0%
Treatment	A.26. Assist with application of cellular and/or tissue products	4	3.25	0.0%	1		100.0%	82	3.25	28.0%	3	4.00	0.0%	1	2.00	0.0%	3	4.00	0.0%
Treatment	A.27. Assist with biopsy	4	3.25	0.0%	1		100.0%	82	3.04	39.0%	3	3.33	0.0%	1		100.0%	3	3.33	0.0%
Treatment	A.28. Assist with or perform negative pressure wound therapy application or removal	4	3.50	0.0%	1	2.00	0.0%	82	3.62	4.9%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
Treatment	A.29. Assist with or perform debridement	4	3.00	0.0%	1		100.0%	82	3.26	20.7%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
Treatment	A.30. Assist with or perform culture/aspiration	4	3.00	0.0%	1		100.0%	82	3.24	18.3%	3	4.00	0.0%	1		100.0%	3	4.00	0.0%
Treatment	A.31. Assist with or perform wound irrigation or cleansing	4	3.50	0.0%	1	2.00	0.0%	82	3.51	0.0%	3	4.00	0.0%	1	4.00	0.0%	3	4.00	0.0%
Treatment	A.32. Assist with or perform biophysical technologies (e.g., diathermy, ultrasound, laser)	4	3.00	50.0%	1		100.0%	82	2.88	68.3%	3	3.33	0.0%	1	4.00	0.0%	3	3.33	0.0%
Education	A.33. Provide education or demonstrate an understanding of offloading and/or pressure relief	4	3.00	0.0%	1	3.00	0.0%	82	3.48	0.0%	3	4.00	0.0%	1	3.00	0.0%	3	3.67	0.0%
Education	A.34. Provide education or demonstrate an understanding of wound care protocols rationale	4	3.25	0.0%	1	3.00	0.0%	82	3.39	0.0%	3	4.00	0.0%	1	3.00	0.0%	3	3.67	0.0%
Education	A.35. Provide education or demonstrate an understanding of therapeutic interventions (e.g., dressings, wound products, negative pressure, compression systems)	4	3.25	0.0%	1	3.00	0.0%	82	3.49	1.2%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
Education	A.36. Provide education or demonstrate an understanding of medication reconciliation	4	3.00	25.0%	1	2.00	0.0%	82	3.13	4.9%	3	4.00	0.0%	1	3.00	0.0%	3	3.33	0.0%
Education	A.37. Provide education or demonstrate an understanding of lifestyle changes (e.g., smoking cessation, diet, nutrition)	4	3.25	0.0%	1	4.00	0.0%	82	3.35	3.7%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
Education	A.38. Provide education or demonstrate an understanding of disease process	4	2.75	0.0%	1	2.00	0.0%	82	3.38	2.4%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
Education	A.39. Provide education or demonstrate an understanding of diagnostic testing	4	3.00	25.0%	1	2.00	0.0%	82	3.18	6.1%	3	4.00	0.0%	1		100.0%	3	3.67	0.0%
Education	A.40. Provide education or demonstrate an understanding of skin care	4	3.50	0.0%	1	2.00	0.0%	82	3.49	1.2%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%

Task Domain	Task	Certified Nursing Assistant (CNA)			Hyperbaric Technician (CHT)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist Assistant (OTA)			Medical Assistant		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Education	A.41. Provide education or demonstrate an understanding of pain management	4	3.00	25.0%	1	2.00	0.0%	82	3.30	2.4%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
Education	A.42. Provide education or demonstrate an understanding of universal precautions	4	3.50	0.0%	1	3.00	0.0%	82	3.38	1.2%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
Education	A.43. Provide education or demonstrate an understanding of positioning and mobility	4	3.50	0.0%	1	3.00	0.0%	82	3.56	1.2%	3	4.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
Professional Issues	A.44. Document patient information (e.g., medications, progress, billing, photographs)	4	3.33	25.0%	1	3.00	0.0%	82	3.32	3.7%	3	3.67	0.0%	1	4.00	0.0%	3	3.67	0.0%
Professional Issues	A.45. Coordinate wound care with supervisor and other team members	4	2.50	0.0%	1	3.00	0.0%	82	3.51	2.4%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
Professional Issues	A.46. Consider financial implications of selected interventions	4	3.33	25.0%	1	2.00	0.0%	82	2.88	7.3%	3	3.00	0.0%	1	4.00	0.0%	3	3.67	0.0%
Professional Issues	A.47. Follow confidentiality and security regulations	4	3.50	0.0%	1	4.00	0.0%	82	3.64	1.2%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%
Professional Issues	A.48. Read current literature on wound care trends	4	3.00	0.0%	1	4.00	0.0%	82	3.26	0.0%	3	3.67	0.0%	1	3.00	0.0%	3	3.33	0.0%
Professional Issues	A.49. Recognize strength of evidence related to research	4	3.33	25.0%	1	3.00	0.0%	82	3.08	2.4%	3	3.67	0.0%	1	3.00	0.0%	3	3.33	0.0%
Professional Issues	A.50. Adhere to professional ethical guidelines	4	3.50	0.0%	1	4.00	0.0%	82	3.63	0.0%	3	3.67	0.0%	1	4.00	0.0%	3	4.00	0.0%

Table J.7. CWCA Importance of Tasks by Designation (Cont.)

Task Domain	Task	Physical Therapist Assistant (PTA)			Registered Nurse (RN)			Respiratory Therapist (RT)			Wound Care Technician/Aide			Nonclinical (e.g., business, research, sales, educator)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.1. Ensure proper cleaning of examination rooms between patients (e.g., OSHA guidelines, sanitation, infection control)	5	3.60	0.0%	97	3.50	21.6%	1	4.00	0.0%	6	3.50	33.3%	6	3.67	50.0%	2	4.00	50.0%
Patient Preparation	A.2. Disinfect equipment	5	3.60	0.0%	97	3.57	13.4%	1	3.00	0.0%	6	3.50	0.0%	6	3.67	50.0%	2	2.50	0.0%
Patient Preparation	A.3. Perform safe patient handling techniques	5	3.60	0.0%	97	3.58	4.1%	1	4.00	0.0%	6	3.67	0.0%	6	4.00	50.0%	2	2.50	0.0%
Patient Preparation	A.4. Assist in obtaining health and medication history	5	3.40	0.0%	97	3.40	6.2%	1	4.00	0.0%	6	3.00	0.0%	6	3.00	66.7%	2	2.50	0.0%

Task Domain	Task	Physical Therapist Assistant (PTA)			Registered Nurse (RN)			Respiratory Therapist (RT)			Wound Care Technician/Aide			Nonclinical (e.g., business, research, sales, educator)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.5. Obtain recent nutritional history and needs	5	2.75	20.0%	97	3.31	8.2%	1	3.00	0.0%	6	2.80	16.7%	6	3.00	66.7%	2	3.00	0.0%
Patient Preparation	A.6. Take and monitor vital signs	5	3.00	0.0%	97	3.11	14.4%	1	2.00	0.0%	6	2.75	33.3%	6	2.50	66.7%	2	1.50	0.0%
Patient Preparation	A.7. Photograph the wound	5	3.40	0.0%	97	3.51	12.4%	1	4.00	0.0%	6	3.60	16.7%	6	2.50	66.7%	2	4.00	50.0%
Patient Preparation	A.8. Assist with ensuring aseptic or sterile techniques for procedures	5	3.60	0.0%	97	3.60	5.2%	1	4.00	0.0%	6	3.60	16.7%	6	4.00	83.3%	2	3.00	0.0%
Patient Preparation	A.9. Set up equipment for procedures	5	3.50	20.0%	97	3.34	17.5%	1	4.00	0.0%	6	3.60	16.7%	6	4.00	66.7%	2	2.50	0.0%
Patient Preparation	A.10. Prepare wound for procedures (e.g., cleansing, removing dressings, topically anesthetize)	5	3.75	20.0%	97	3.67	8.2%	1	4.00	0.0%	6	3.67	0.0%	6	4.00	83.3%	2	4.00	0.0%
Patient Assessment	A.11. Assess, or assist with assessing blood flow (e.g., perform Doppler, check pulses, Ankle Brachial Index)	5	3.50	20.0%	97	3.27	9.3%	1	4.00	0.0%	6	3.50	33.3%	6	2.00	66.7%	3	3.00	0.0%
Patient Assessment	A.12. Assess, or assist with assessing for risk of pressure wound development	5	2.80	0.0%	97	3.65	2.1%	1	4.00	0.0%	6	3.83	0.0%	6	3.60	16.7%	3	3.00	0.0%
Patient Assessment	A.13. Assess, or assist with assessing level of pain	5	3.20	0.0%	97	3.34	3.1%	1	4.00	0.0%	6	3.33	0.0%	6	2.50	33.3%	3	3.00	0.0%
Patient Assessment	A.14. Assess, or assist with assessing edema (e.g., limb circumference, volume)	5	3.80	0.0%	97	3.38	5.2%	1	4.00	0.0%	6	3.67	0.0%	6	2.40	16.7%	3	2.67	0.0%
Patient Assessment	A.15. Assess, or assist with assessing functional status (e.g., ambulatory status, mobility)	5	3.20	0.0%	97	3.31	6.2%	1	4.00	0.0%	6	3.33	0.0%	6	3.00	33.3%	3	2.67	0.0%
Patient Assessment	A.16. Assess, or assist with assessing skin (e.g., for color, swelling, and temperature)	5	3.60	0.0%	97	3.64	1.0%	1	4.00	0.0%	6	3.83	0.0%	6	3.60	16.7%	3	3.00	0.0%
Patient Assessment	A.17. Assess, or assist with assessing wound and periwound characteristics (e.g., stage, partial vs full thickness)	5	3.60	0.0%	97	3.73	1.0%	1	4.00	0.0%	6	3.83	0.0%	6	3.17	0.0%	3	3.00	0.0%
Patient Assessment	A.18. Assess, or assist with assessing sensory function (e.g., monofilament testing, vibration testing)	5	3.00	0.0%	97	3.30	26.8%	1		100.0%	6	3.50	33.3%	6	2.00	66.7%	3	2.50	33.3%
Patient Assessment	A.19. Identify psychosocial barriers (e.g., cognitive, financial, religious/cultural)	5	3.00	0.0%	97	3.11	8.2%	1	3.00	0.0%	6	3.33	0.0%	6	2.00	50.0%	3	2.67	0.0%

Task Domain	Task	Physical Therapist Assistant (PTA)			Registered Nurse (RN)			Respiratory Therapist (RT)			Wound Care Technician/Aide			Nonclinical (e.g., business, research, sales, educator)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Assessment	A.20. Assess and describe wound characteristics (e.g., tissue type, measurements, amount of drainage, type of drainage)	5	3.60	0.0%	97	3.79	1.0%	1	4.00	0.0%	6	4.00	0.0%	6	3.33	0.0%	3	3.33	0.0%
Treatment	A.21. Apply, or assist with appropriate dressings	5	3.40	0.0%	97	3.67	2.1%	1	4.00	0.0%	6	4.00	0.0%	6	3.75	33.3%	5	4.00	20.0%
Treatment	A.22. Apply, or assist with compression wraps and stockings	5	3.80	0.0%	97	3.57	6.2%	1	4.00	0.0%	6	4.00	0.0%	6	3.50	33.3%	5	3.25	20.0%
Treatment	A.23. Apply, or assist with barrier products	5	3.40	0.0%	97	3.57	2.1%	1	4.00	0.0%	6	4.00	0.0%	6	3.50	66.7%	5	3.67	40.0%
Treatment	A.24. Remove, or assist with staples or sutures	5	2.67	40.0%	97	2.98	10.3%	1	4.00	0.0%	6	3.60	16.7%	6	3.00	83.3%	5	2.75	20.0%
Treatment	A.25. Apply, or assist with offloading systems	5	3.80	0.0%	97	3.56	4.1%	1	4.00	0.0%	6	4.00	0.0%	6	3.25	33.3%	5	3.50	20.0%
Treatment	A.26. Assist with application of cellular and/or tissue products	5	3.00	60.0%	97	3.19	27.8%	1	4.00	0.0%	6	3.50	0.0%	6	3.33	50.0%	5	3.33	40.0%
Treatment	A.27. Assist with biopsy	5	3.00	60.0%	97	3.08	35.1%	1	4.00	0.0%	6	2.75	33.3%	6	2.00	83.3%	5	3.50	60.0%
Treatment	A.28. Assist with or perform negative pressure wound therapy application or removal	5	3.50	20.0%	97	3.66	3.1%	1	4.00	0.0%	6	3.67	0.0%	6	2.00	83.3%	5	3.67	40.0%
Treatment	A.29. Assist with or perform debridement	5	3.50	20.0%	97	3.31	16.5%	1	4.00	0.0%	6	3.50	0.0%	6	2.00	83.3%	5	3.50	60.0%
Treatment	A.30. Assist with or perform culture/aspiration	5	3.00	40.0%	97	3.15	12.4%	1	4.00	0.0%	6	3.00	33.3%	6	3.00	83.3%	5	3.25	20.0%
Treatment	A.31. Assist with or perform wound irrigation or cleansing	5	3.75	20.0%	97	3.62	3.1%	1	4.00	0.0%	6	3.80	16.7%	6	3.00	66.7%	5	4.00	20.0%
Treatment	A.32. Assist with or perform biophysical technologies (e.g., diathermy, ultrasound, laser)	5	3.00	80.0%	97	2.93	70.1%	1		100.0%	6	3.33	50.0%	6	2.00	83.3%	5	3.00	80.0%
Education	A.33. Provide education or demonstrate an understanding of offloading and/or pressure relief	5	3.80	0.0%	97	3.69	2.1%	1	4.00	0.0%	6	3.67	0.0%	6	3.60	16.7%	4	4.00	0.0%
Education	A.34. Provide education or demonstrate an understanding of wound care protocols rationale	5	3.40	0.0%	97	3.57	2.1%	1	4.00	0.0%	6	3.67	0.0%	6	2.50	0.0%	4	4.00	0.0%
Education	A.35. Provide education or demonstrate an understanding of therapeutic interventions (e.g., dressings, wound products, negative pressure, compression systems)	5	3.40	0.0%	97	3.60	1.0%	1	4.00	0.0%	6	3.83	0.0%	6	3.50	0.0%	4	4.00	0.0%
Education	A.36. Provide education or demonstrate an understanding of medication reconciliation	5	3.00	40.0%	97	3.20	10.3%	1	3.00	0.0%	6	2.83	0.0%	6	1.67	50.0%	4	3.25	0.0%

Task Domain	Task	Physical Therapist Assistant (PTA)			Registered Nurse (RN)			Respiratory Therapist (RT)			Wound Care Technician/Aide			Nonclinical (e.g., business, research, sales, educator)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Education	A.37. Provide education or demonstrate an understanding of lifestyle changes (e.g., smoking cessation, diet, nutrition)	5	3.25	20.0%	97	3.37	4.1%	1	4.00	0.0%	6	3.33	0.0%	6	2.60	16.7%	4	3.50	0.0%
Education	A.38. Provide education or demonstrate an understanding of disease process	5	2.80	0.0%	97	3.41	3.1%	1	3.00	0.0%	6	3.50	0.0%	6	2.50	0.0%	4	3.25	0.0%
Education	A.39. Provide education or demonstrate an understanding of diagnostic testing	5	2.75	20.0%	97	3.10	7.2%	1	3.00	0.0%	6	2.40	16.7%	6	1.50	66.7%	4	3.00	25.0%
Education	A.40. Provide education or demonstrate an understanding of skin care	5	3.60	0.0%	97	3.55	1.0%	1	4.00	0.0%	6	3.83	0.0%	6	3.33	0.0%	4	4.00	0.0%
Education	A.41. Provide education or demonstrate an understanding of pain management	5	3.00	0.0%	97	3.23	3.1%	1	3.00	0.0%	6	3.00	0.0%	6	2.80	16.7%	4	3.25	0.0%
Education	A.42. Provide education or demonstrate an understanding of universal precautions	5	3.40	0.0%	97	3.42	4.1%	1	4.00	0.0%	6	3.00	0.0%	6	2.67	0.0%	4	4.00	0.0%
Education	A.43. Provide education or demonstrate an understanding of positioning and mobility	5	3.40	0.0%	97	3.60	2.1%	1	4.00	0.0%	6	3.50	0.0%	6	3.50	0.0%	4	3.50	0.0%
Professional Issues	A.44. Document patient information (e.g., medications, progress, billing, photographs)	5	3.60	0.0%	97	3.34	5.2%	1	4.00	0.0%	6	3.33	0.0%	6	2.25	33.3%	5	3.00	0.0%
Professional Issues	A.45. Coordinate wound care with supervisor and other team members	5	3.20	0.0%	97	3.41	1.0%	1	4.00	0.0%	6	3.33	0.0%	6	3.00	16.7%	5	3.60	0.0%
Professional Issues	A.46. Consider financial implications of selected interventions	5	2.40	0.0%	97	2.88	8.2%	1	3.00	0.0%	6	3.50	33.3%	6	3.00	0.0%	5	2.50	20.0%
Professional Issues	A.47. Follow confidentiality and security regulations	5	3.80	0.0%	97	3.56	0.0%	1	4.00	0.0%	6	4.00	0.0%	6	3.67	0.0%	5	3.20	0.0%
Professional Issues	A.48. Read current literature on wound care trends	5	3.00	0.0%	97	3.18	1.0%	1	3.00	0.0%	6	3.67	0.0%	6	3.00	0.0%	5	2.80	0.0%
Professional Issues	A.49. Recognize strength of evidence related to research	5	3.20	0.0%	97	3.09	2.1%	1	4.00	0.0%	6	3.50	0.0%	6	3.33	0.0%	5	2.50	20.0%
Professional Issues	A.50. Adhere to professional ethical guidelines	5	3.80	0.0%	97	3.63	0.0%	1	4.00	0.0%	6	3.80	16.7%	6	3.50	0.0%	5	3.00	0.0%

Table J.8. CWCA Importance of Tasks by Experience

Task Domain	Task	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.1. Ensure proper cleaning of examination rooms between patients (e.g., OSHA guidelines, sanitation, infection control)	8	3.43	12.5%	21	3.42	9.5%	68	3.56	19.1%	71	3.53	18.3%	41	3.60	26.8%	2	4.00	50.0%
Patient Preparation	A.2. Disinfect equipment	8	3.25	0.0%	21	3.47	9.5%	68	3.59	13.2%	71	3.64	9.9%	41	3.53	12.2%	2	2.50	0.0%
Patient Preparation	A.3. Perform safe patient handling techniques	8	3.25	0.0%	21	3.45	4.8%	68	3.55	5.9%	71	3.72	4.2%	41	3.62	4.9%	2	2.50	0.0%
Patient Preparation	A.4. Assist in obtaining health and medication history	8	3.00	0.0%	21	3.25	4.8%	68	3.32	7.4%	71	3.53	4.2%	41	3.39	7.3%	2	2.50	0.0%
Patient Preparation	A.5. Obtain recent nutritional history and needs	8	3.25	0.0%	21	3.22	14.3%	68	3.25	10.3%	71	3.31	5.6%	41	3.29	7.3%	2	3.00	0.0%
Patient Preparation	A.6. Take and monitor vital signs	8	2.86	12.5%	21	3.15	4.8%	68	3.05	7.4%	71	3.23	8.5%	41	3.31	22.0%	2	1.50	0.0%
Patient Preparation	A.7. Photograph the wound	8	2.75	0.0%	21	3.32	9.5%	68	3.30	17.6%	71	3.60	19.7%	41	3.45	19.5%	2	4.00	50.0%
Patient Preparation	A.8. Assist with ensuring aseptic or sterile techniques for procedures	8	3.13	0.0%	21	3.57	0.0%	68	3.63	11.8%	71	3.66	5.6%	41	3.69	4.9%	2	3.00	0.0%
Patient Preparation	A.9. Set up equipment for procedures	8	3.43	12.5%	21	3.38	0.0%	68	3.26	20.6%	71	3.48	12.7%	41	3.35	17.1%	2	2.50	0.0%
Patient Preparation	A.10. Prepare wound for procedures (e.g., cleansing, removing dressings, topically anesthetize)	8	3.13	0.0%	21	3.62	0.0%	68	3.62	11.8%	71	3.68	8.5%	41	3.82	7.3%	2	4.00	0.0%
Patient Assessment	A.11. Assess, or assist with assessing blood flow (e.g., perform Doppler, check pulses, Ankle Brachial Index)	8	3.29	12.5%	21	2.81	23.8%	68	3.28	14.7%	71	3.42	15.5%	41	3.35	9.8%	3	3.00	0.0%
Patient Assessment	A.12. Assess, or assist with assessing for risk of pressure wound development	8	3.50	0.0%	21	3.24	0.0%	68	3.57	4.4%	71	3.61	0.0%	41	3.77	4.9%	3	3.00	0.0%
Patient Assessment	A.13. Assess, or assist with assessing level of pain	8	3.38	0.0%	21	3.00	0.0%	68	3.30	2.9%	71	3.36	1.4%	41	3.51	4.9%	3	3.00	0.0%
Patient Assessment	A.14. Assess, or assist with assessing edema (e.g., limb circumference, volume)	8	3.50	0.0%	21	2.90	4.8%	68	3.28	4.4%	71	3.50	4.2%	41	3.54	4.9%	3	2.67	0.0%
Patient Assessment	A.15. Assess, or assist with assessing functional status (e.g., ambulatory status, mobility)	8	3.25	0.0%	21	2.95	9.5%	68	3.25	4.4%	71	3.41	2.8%	41	3.33	4.9%	3	2.67	0.0%
Patient Assessment	A.16. Assess, or assist with assessing skin (e.g., for color, swelling, and temperature)	8	3.75	0.0%	21	3.38	0.0%	68	3.48	1.5%	71	3.62	0.0%	41	3.75	2.4%	3	3.00	0.0%

Task Domain	Task	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Assessment	A.17. Assess, or assist with assessing wound and periwound characteristics (e.g., stage, partial vs full thickness)	8	3.75	0.0%	21	3.48	0.0%	68	3.57	0.0%	71	3.66	0.0%	41	3.83	2.4%	3	3.00	0.0%
Patient Assessment	A.18. Assess, or assist with assessing sensory function (e.g., monofilament testing, vibration testing)	8	2.86	12.5%	21	2.77	38.1%	68	3.34	26.5%	71	3.24	16.9%	41	3.31	36.6%	3	2.50	33.3%
Patient Assessment	A.19. Identify psychosocial barriers (e.g., cognitive, financial, religious/cultural)	8	2.75	0.0%	21	2.76	19.0%	68	3.11	10.3%	71	3.19	5.6%	41	3.22	9.8%	3	2.67	0.0%
Patient Assessment	A.20. Assess and describe wound characteristics (e.g., tissue type, measurements, amount of drainage, type of drainage)	8	3.75	0.0%	21	3.57	0.0%	68	3.69	0.0%	71	3.76	0.0%	41	3.83	2.4%	3	3.33	0.0%
Treatment	A.21. Apply, or assist with appropriate dressings	8	3.88	0.0%	21	3.57	0.0%	68	3.58	1.5%	71	3.76	1.4%	41	3.77	4.9%	5	4.00	20.0%
Treatment	A.22. Apply, or assist with compression wraps and stockings	8	3.50	0.0%	21	3.30	4.8%	68	3.53	2.9%	71	3.72	2.8%	41	3.74	7.3%	5	3.25	20.0%
Treatment	A.23. Apply, or assist with barrier products	8	3.75	0.0%	21	3.43	0.0%	68	3.53	5.9%	71	3.64	1.4%	41	3.67	4.9%	5	3.67	40.0%
Treatment	A.24. Remove, or assist with staples or sutures	8	2.63	0.0%	21	3.05	9.5%	68	2.97	11.8%	71	3.13	11.3%	41	3.39	7.3%	5	2.75	20.0%
Treatment	A.25. Apply, or assist with offloading systems	8	3.75	0.0%	21	3.40	4.8%	68	3.54	4.4%	71	3.71	4.2%	41	3.71	7.3%	5	3.50	20.0%
Treatment	A.26. Assist with application of cellular and/or tissue products	8	2.86	12.5%	21	2.89	14.3%	68	3.40	23.5%	71	3.39	31.0%	41	3.08	36.6%	5	3.33	40.0%
Treatment	A.27. Assist with biopsy	8	3.00	25.0%	21	2.91	47.6%	68	3.07	36.8%	71	3.15	35.2%	41	3.00	39.0%	5	3.50	60.0%
Treatment	A.28. Assist with or perform negative pressure wound therapy application or removal	8	3.50	0.0%	21	3.50	4.8%	68	3.50	11.8%	71	3.74	2.8%	41	3.74	4.9%	5	3.67	40.0%
Treatment	A.29. Assist with or perform debridement	8	3.50	25.0%	21	3.17	14.3%	68	3.26	22.1%	71	3.43	21.1%	41	3.28	12.2%	5	3.50	60.0%
Treatment	A.30. Assist with or perform culture/aspiration	8	2.88	0.0%	21	3.14	33.3%	68	3.19	20.6%	71	3.27	15.5%	41	3.26	14.6%	5	3.25	20.0%
Treatment	A.31. Assist with or perform wound irrigation or cleansing	8	3.75	0.0%	21	3.48	0.0%	68	3.47	5.9%	71	3.63	4.2%	41	3.69	4.9%	5	4.00	20.0%
Treatment	A.32. Assist with or perform biophysical technologies (e.g., diathermy, ultrasound, laser)	8	2.50	50.0%	21	3.13	61.9%	68	3.00	66.2%	71	2.96	64.8%	41	3.00	78.0%	5	3.00	80.0%
Education	A.33. Provide education or demonstrate an understanding of offloading and/or pressure relief	8	3.38	0.0%	21	3.29	0.0%	68	3.49	0.0%	71	3.72	2.8%	41	3.75	2.4%	4	4.00	0.0%

Task Domain	Task	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Education	A.34. Provide education or demonstrate an understanding of wound care protocols rationale	8	3.38	0.0%	21	3.29	0.0%	68	3.38	0.0%	71	3.50	1.4%	41	3.65	2.4%	4	4.00	0.0%
Education	A.35. Provide education or demonstrate an understanding of therapeutic interventions (e.g., dressings, wound products, negative pressure, compression systems)	8	3.13	0.0%	21	3.38	0.0%	68	3.51	1.5%	71	3.62	0.0%	41	3.73	2.4%	4	4.00	0.0%
Education	A.36. Provide education or demonstrate an understanding of medication reconciliation	8	2.75	0.0%	21	3.05	0.0%	68	3.10	11.8%	71	3.14	8.5%	41	3.31	14.6%	4	3.25	0.0%
Education	A.37. Provide education or demonstrate an understanding of lifestyle changes (e.g., smoking cessation, diet, nutrition)	8	3.00	0.0%	21	3.10	0.0%	68	3.32	4.4%	71	3.45	5.6%	41	3.49	4.9%	4	3.50	0.0%
Education	A.38. Provide education or demonstrate an understanding of disease process	8	3.00	0.0%	21	3.30	4.8%	68	3.27	1.5%	71	3.41	2.8%	41	3.50	2.4%	4	3.25	0.0%
Education	A.39. Provide education or demonstrate an understanding of diagnostic testing	8	3.00	12.5%	21	2.82	19.0%	68	3.17	14.7%	71	3.09	4.2%	41	3.18	4.9%	4	3.00	25.0%
Education	A.40. Provide education or demonstrate an understanding of skin care	8	3.38	0.0%	21	3.38	0.0%	68	3.52	1.5%	71	3.51	1.4%	41	3.71	0.0%	4	4.00	0.0%
Education	A.41. Provide education or demonstrate an understanding of pain management	8	3.25	0.0%	21	3.15	4.8%	68	3.20	2.9%	71	3.25	4.2%	41	3.38	2.4%	4	3.25	0.0%
Education	A.42. Provide education or demonstrate an understanding of universal precautions	8	3.00	0.0%	21	3.05	4.8%	68	3.34	1.5%	71	3.39	2.8%	41	3.70	2.4%	4	4.00	0.0%
Education	A.43. Provide education or demonstrate an understanding of positioning and mobility	8	3.38	0.0%	21	3.55	4.8%	68	3.54	1.5%	71	3.56	0.0%	41	3.73	2.4%	4	3.50	0.0%
Professional Issues	A.44. Document patient information (e.g., medications, progress, billing, photographs)	8	3.14	12.5%	21	3.25	4.8%	68	3.27	5.9%	71	3.46	2.8%	41	3.26	7.3%	5	3.00	0.0%
Professional Issues	A.45. Coordinate wound care with supervisor and other team members	8	3.00	0.0%	21	3.48	0.0%	68	3.33	2.9%	71	3.53	1.4%	41	3.48	2.4%	5	3.60	0.0%
Professional Issues	A.46. Consider financial implications of selected interventions	8	2.71	12.5%	21	2.81	23.8%	68	3.00	7.4%	71	2.96	5.6%	41	2.74	4.9%	5	2.50	20.0%
Professional Issues	A.47. Follow confidentiality and security regulations	8	3.88	0.0%	21	3.62	0.0%	68	3.59	0.0%	71	3.63	1.4%	41	3.63	0.0%	5	3.20	0.0%

Task Domain	Task	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Professional Issues	A.48. Read current literature on wound care trends	8	3.50	0.0%	21	3.05	0.0%	68	3.24	1.5%	71	3.32	0.0%	41	3.05	0.0%	5	2.80	0.0%
Professional Issues	A.49. Recognize strength of evidence related to research	8	3.38	0.0%	21	2.90	4.8%	68	3.15	4.4%	71	3.21	0.0%	41	3.00	2.4%	5	2.50	20.0%
Professional Issues	A.50. Adhere to professional ethical guidelines	8	3.88	0.0%	21	3.50	4.8%	68	3.57	0.0%	71	3.69	0.0%	41	3.71	0.0%	5	3.00	0.0%

Table J.9. CWCA Importance of Tasks by Workday Percentage

Task Domain	Task	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.1. Ensure proper cleaning of examination rooms between patients (e.g., OSHA guidelines, sanitation, infection control)	11	2.86	36.4%	14	3.42	14.3%	21	3.61	14.3%	38	3.29	26.3%	50	3.55	16.0%	75	3.73	17.3%
Patient Preparation	A.2. Disinfect equipment	11	2.86	36.4%	14	3.43	0.0%	21	3.65	4.8%	38	3.27	13.2%	50	3.60	10.0%	75	3.78	10.7%
Patient Preparation	A.3. Perform safe patient handling techniques	11	3.00	18.2%	14	3.54	7.1%	21	3.57	0.0%	38	3.43	7.9%	50	3.63	4.0%	75	3.75	2.7%
Patient Preparation	A.4. Assist in obtaining health and medication history	11	2.63	27.3%	14	3.00	0.0%	21	3.19	0.0%	38	3.31	7.9%	50	3.47	6.0%	75	3.58	4.0%
Patient Preparation	A.5. Obtain recent nutritional history and needs	11	2.57	36.4%	14	2.86	0.0%	21	3.00	9.5%	38	3.15	10.5%	50	3.34	6.0%	75	3.52	5.3%
Patient Preparation	A.6. Take and monitor vital signs	11	2.11	18.2%	14	2.86	0.0%	21	3.10	0.0%	38	3.06	7.9%	50	3.21	14.0%	75	3.42	13.3%
Patient Preparation	A.7. Photograph the wound	11	3.00	36.4%	14	2.75	14.3%	21	3.39	14.3%	38	3.30	21.1%	50	3.33	28.0%	75	3.64	6.7%
Patient Preparation	A.8. Assist with ensuring aseptic or sterile techniques for procedures	11	3.11	18.2%	14	3.62	7.1%	21	3.60	4.8%	38	3.53	10.5%	50	3.60	6.0%	75	3.76	4.0%
Patient Preparation	A.9. Set up equipment for procedures	11	2.57	36.4%	14	3.42	14.3%	21	3.30	4.8%	38	3.24	23.7%	50	3.43	16.0%	75	3.50	9.3%
Patient Preparation	A.10. Prepare wound for procedures (e.g., cleansing, removing dressings, topically anesthetize)	11	3.29	36.4%	14	3.42	14.3%	21	3.38	0.0%	38	3.59	10.5%	50	3.68	12.0%	75	3.82	1.3%
Patient Assessment	A.11. Assess, or assist with assessing blood flow (e.g., perform Doppler, check pulses, Ankle Brachial Index)	11	2.75	27.3%	14	3.27	21.4%	21	3.21	9.5%	38	3.23	18.4%	50	3.20	18.0%	75	3.49	9.3%

Task Domain	Task	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Assessment	A.12. Assess, or assist with assessing for risk of pressure wound development	11	3.40	9.1%	14	3.38	7.1%	21	3.50	4.8%	38	3.38	2.6%	50	3.55	2.0%	75	3.79	0.0%
Patient Assessment	A.13. Assess, or assist with assessing level of pain	11	2.89	18.2%	14	2.86	0.0%	21	3.33	0.0%	38	3.30	2.6%	50	3.38	4.0%	75	3.47	0.0%
Patient Assessment	A.14. Assess, or assist with assessing edema (e.g., limb circumference, volume)	11	2.22	18.2%	14	3.08	7.1%	21	3.50	4.8%	38	3.14	2.6%	50	3.44	4.0%	75	3.62	2.7%
Patient Assessment	A.15. Assess, or assist with assessing functional status (e.g., ambulatory status, mobility)	11	2.56	18.2%	14	3.14	0.0%	21	3.25	4.8%	38	3.17	5.3%	50	3.33	4.0%	75	3.45	2.7%
Patient Assessment	A.16. Assess, or assist with assessing skin (e.g., for color, swelling, and temperature)	11	3.20	9.1%	14	3.21	0.0%	21	3.43	0.0%	38	3.54	2.6%	50	3.60	0.0%	75	3.75	0.0%
Patient Assessment	A.17. Assess, or assist with assessing wound and periwound characteristics (e.g., stage, partial vs full thickness)	11	3.40	9.1%	14	3.14	0.0%	21	3.48	0.0%	38	3.68	0.0%	50	3.70	0.0%	75	3.77	0.0%
Patient Assessment	A.18. Assess, or assist with assessing sensory function (e.g., monofilament testing, vibration testing)	11	2.75	63.6%	14	2.77	7.1%	21	2.89	14.3%	38	3.23	31.6%	50	3.27	34.0%	75	3.43	18.7%
Patient Assessment	A.19. Identify psychosocial barriers (e.g., cognitive, financial, religious/cultural)	11	2.00	27.3%	14	2.64	0.0%	21	2.90	4.8%	38	3.13	15.8%	50	3.17	8.0%	75	3.36	6.7%
Patient Assessment	A.20. Assess and describe wound characteristics (e.g., tissue type, measurements, amount of drainage, type of drainage)	11	3.40	9.1%	14	3.29	0.0%	21	3.52	0.0%	38	3.66	0.0%	50	3.82	0.0%	75	3.89	0.0%
Treatment	A.21. Apply, or assist with appropriate dressings	11	3.00	9.1%	14	3.38	7.1%	21	3.57	0.0%	38	3.68	0.0%	50	3.77	4.0%	75	3.81	0.0%
Treatment	A.22. Apply, or assist with compression wraps and stockings	11	2.75	27.3%	14	3.23	7.1%	21	3.45	4.8%	38	3.53	0.0%	50	3.73	4.0%	75	3.78	1.3%
Treatment	A.23. Apply, or assist with barrier products	11	2.60	9.1%	14	3.31	7.1%	21	3.52	0.0%	38	3.69	5.3%	50	3.57	6.0%	75	3.76	0.0%
Treatment	A.24. Remove, or assist with staples or sutures	11	1.88	27.3%	14	2.92	7.1%	21	3.16	9.5%	38	2.94	10.5%	50	3.24	18.0%	75	3.25	2.7%
Treatment	A.25. Apply, or assist with offloading systems	11	2.78	18.2%	14	3.50	0.0%	21	3.50	4.8%	38	3.50	5.3%	50	3.67	8.0%	75	3.81	1.3%
Treatment	A.26. Assist with application of cellular and/or tissue products	11	2.33	45.5%	14	2.91	21.4%	21	2.93	33.3%	38	3.28	34.2%	50	3.21	32.0%	75	3.50	17.3%
Treatment	A.27. Assist with biopsy	11	2.25	63.6%	14	2.89	35.7%	21	2.79	33.3%	38	3.17	52.6%	50	3.17	42.0%	75	3.14	24.0%
Treatment	A.28. Assist with or perform negative pressure wound therapy application or removal	11	3.11	18.2%	14	3.36	21.4%	21	3.52	0.0%	38	3.29	10.5%	50	3.76	8.0%	75	3.84	0.0%

Task Domain	Task	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment	A.29. Assist with or perform debridement	11	2.50	45.5%	14	3.00	35.7%	21	3.18	19.0%	38	3.12	31.6%	50	3.48	16.0%	75	3.45	8.0%
Treatment	A.30. Assist with or perform culture/aspiration	11	2.43	36.4%	14	3.00	28.6%	21	2.94	19.0%	38	2.93	21.1%	50	3.27	26.0%	75	3.47	6.7%
Treatment	A.31. Assist with or perform wound irrigation or cleansing	11	2.75	27.3%	14	3.23	7.1%	21	3.33	0.0%	38	3.60	7.9%	50	3.67	4.0%	75	3.73	0.0%
Treatment	A.32. Assist with or perform biophysical technologies (e.g., diathermy, ultrasound, laser)	11	2.33	72.7%	14	2.67	57.1%	21	3.25	61.9%	38	3.00	68.4%	50	3.08	76.0%	75	2.96	62.7%
Education	A.33. Provide education or demonstrate an understanding of offloading and/or pressure relief	11	3.22	18.2%	14	3.14	0.0%	21	3.57	0.0%	38	3.41	2.6%	50	3.66	0.0%	75	3.77	0.0%
Education	A.34. Provide education or demonstrate an understanding of wound care protocols rationale	11	3.00	18.2%	14	2.64	0.0%	21	3.43	0.0%	38	3.32	0.0%	50	3.62	0.0%	75	3.65	0.0%
Education	A.35. Provide education or demonstrate an understanding of therapeutic interventions (e.g., dressings, wound products, negative pressure, compression systems)	11	3.00	9.1%	14	2.93	0.0%	21	3.60	4.8%	38	3.50	0.0%	50	3.72	0.0%	75	3.67	0.0%
Education	A.36. Provide education or demonstrate an understanding of medication reconciliation	11	2.50	27.3%	14	2.50	0.0%	21	3.35	4.8%	38	3.03	7.9%	50	3.26	8.0%	75	3.24	12.0%
Education	A.37. Provide education or demonstrate an understanding of lifestyle changes (e.g., smoking cessation, diet, nutrition)	11	2.75	27.3%	14	2.64	0.0%	21	3.30	4.8%	38	3.29	7.9%	50	3.57	2.0%	75	3.47	1.3%
Education	A.38. Provide education or demonstrate an understanding of disease process	11	3.00	9.1%	14	2.93	0.0%	21	3.47	9.5%	38	3.18	0.0%	50	3.47	2.0%	75	3.46	1.3%
Education	A.39. Provide education or demonstrate an understanding of diagnostic testing	11	2.63	27.3%	14	2.46	7.1%	21	3.33	14.3%	38	3.09	13.2%	50	3.16	10.0%	75	3.19	4.0%
Education	A.40. Provide education or demonstrate an understanding of skin care	11	3.30	9.1%	14	2.86	0.0%	21	3.55	4.8%	38	3.45	0.0%	50	3.60	0.0%	75	3.69	0.0%
Education	A.41. Provide education or demonstrate an understanding of pain management	11	3.00	9.1%	14	2.71	0.0%	21	3.50	4.8%	38	3.14	2.6%	50	3.38	4.0%	75	3.29	2.7%
Education	A.42. Provide education or demonstrate an understanding of universal precautions	11	3.44	18.2%	14	2.93	0.0%	21	3.30	4.8%	38	3.24	0.0%	50	3.53	2.0%	75	3.47	1.3%
Education	A.43. Provide education or demonstrate an understanding of positioning and mobility	11	3.22	18.2%	14	3.07	0.0%	21	3.75	4.8%	38	3.50	0.0%	50	3.60	0.0%	75	3.69	0.0%

Task Domain	Task	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Professional Issues	A.44. Document patient information (e.g., medications, progress, billing, photographs)	11	2.89	18.2%	14	3.00	0.0%	21	3.29	0.0%	38	3.28	5.3%	50	3.20	8.0%	75	3.57	4.0%
Professional Issues	A.45. Coordinate wound care with supervisor and other team members	11	3.00	9.1%	14	3.08	7.1%	21	3.38	0.0%	38	3.33	5.3%	50	3.40	0.0%	75	3.63	0.0%
Professional Issues	A.46. Consider financial implications of selected interventions	11	2.67	45.5%	14	2.86	0.0%	21	2.68	9.5%	38	2.94	10.5%	50	2.85	6.0%	75	3.01	4.0%
Professional Issues	A.47. Follow confidentiality and security regulations	11	3.27	0.0%	14	3.50	0.0%	21	3.62	0.0%	38	3.55	0.0%	50	3.70	0.0%	75	3.69	1.3%
Professional Issues	A.48. Read current literature on wound care trends	11	2.60	9.1%	14	3.07	0.0%	21	3.38	0.0%	38	3.26	0.0%	50	3.34	0.0%	75	3.19	0.0%
Professional Issues	A.49. Recognize strength of evidence related to research	11	2.89	18.2%	14	3.00	0.0%	21	3.05	0.0%	38	3.03	2.6%	50	3.18	0.0%	75	3.22	2.7%
Professional Issues	A.50. Adhere to professional ethical guidelines	11	3.36	0.0%	14	3.57	0.0%	21	3.60	4.8%	38	3.47	0.0%	50	3.82	0.0%	75	3.68	0.0%

Table J.10. CWCA Importance of Tasks by Primary Placement

Task Domain	Task	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.1. Ensure proper cleaning of examination rooms between patients (e.g., OSHA guidelines, sanitation, infection control)	43	3.63	25.6%	14	2.83	14.3%	47	3.29	34.0%	28	3.62	25.0%	60	3.75	0.0%
Patient Preparation	A.2. Disinfect equipment	43	3.61	16.3%	14	3.00	14.3%	47	3.40	14.9%	28	3.68	10.7%	60	3.75	0.0%
Patient Preparation	A.3. Perform safe patient handling techniques	43	3.68	7.0%	14	3.15	7.1%	47	3.43	0.0%	28	3.63	3.6%	60	3.75	0.0%
Patient Preparation	A.4. Assist in obtaining health and medication history	43	3.29	11.6%	14	3.15	7.1%	47	3.26	2.1%	28	3.26	3.6%	60	3.70	0.0%
Patient Preparation	A.5. Obtain recent nutritional history and needs	43	3.14	14.0%	14	2.92	14.3%	47	3.25	6.4%	28	3.22	3.6%	60	3.55	0.0%
Patient Preparation	A.6. Take and monitor vital signs	43	3.12	23.3%	14	2.42	14.3%	47	2.89	6.4%	28	3.26	3.6%	60	3.50	0.0%
Patient Preparation	A.7. Photograph the wound	43	3.44	9.3%	14	3.23	7.1%	47	3.13	48.9%	28	3.20	10.7%	60	3.69	1.7%
Patient Preparation	A.8. Assist with ensuring aseptic or sterile techniques for procedures	43	3.77	9.3%	14	3.21	0.0%	47	3.58	4.3%	28	3.60	10.7%	60	3.74	3.3%

Task Domain	Task	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.9. Set up equipment for procedures	43	3.48	23.3%	14	2.79	0.0%	47	3.34	25.5%	28	3.22	17.9%	60	3.57	0.0%
Patient Preparation	A.10. Prepare wound for procedures (e.g., cleansing, removing dressings, topically anesthetize)	43	3.68	11.6%	14	3.29	0.0%	47	3.52	10.6%	28	3.62	7.1%	60	3.85	0.0%
Patient Assessment	A.11. Assess, or assist with assessing blood flow (e.g., perform Doppler, check pulses, Ankle Brachial Index)	43	3.18	20.9%	14	2.77	7.1%	47	3.21	17.0%	28	3.04	10.7%	60	3.72	5.0%
Patient Assessment	A.12. Assess, or assist with assessing for risk of pressure wound development	43	3.62	2.3%	14	3.57	0.0%	47	3.57	2.1%	28	3.54	0.0%	60	3.67	0.0%
Patient Assessment	A.13. Assess, or assist with assessing level of pain	43	3.28	7.0%	14	3.07	0.0%	47	3.30	0.0%	28	3.50	0.0%	60	3.50	0.0%
Patient Assessment	A.14. Assess, or assist with assessing edema (e.g., limb circumference, volume)	43	3.24	4.7%	14	3.00	7.1%	47	3.18	6.4%	28	3.50	0.0%	60	3.68	0.0%
Patient Assessment	A.15. Assess, or assist with assessing functional status (e.g., ambulatory status, mobility)	43	3.28	9.3%	14	2.77	7.1%	47	3.13	4.3%	28	3.50	0.0%	60	3.45	0.0%
Patient Assessment	A.16. Assess, or assist with assessing skin (e.g., for color, swelling, and temperature)	43	3.62	2.3%	14	3.43	0.0%	47	3.55	0.0%	28	3.61	0.0%	60	3.65	0.0%
Patient Assessment	A.17. Assess, or assist with assessing wound and periwound characteristics (e.g., stage, partial vs full thickness)	43	3.58	0.0%	14	3.57	0.0%	47	3.74	0.0%	28	3.64	0.0%	60	3.72	0.0%
Patient Assessment	A.18. Assess, or assist with assessing sensory function (e.g., monofilament testing, vibration testing)	43	3.04	39.5%	14	2.82	21.4%	47	3.33	42.6%	28	3.28	10.7%	60	3.39	10.0%
Patient Assessment	A.19. Identify psychosocial barriers (e.g., cognitive, financial, religious/cultural)	43	2.73	14.0%	14	2.77	7.1%	47	3.10	17.0%	28	3.44	3.6%	60	3.44	1.7%
Patient Assessment	A.20. Assess and describe wound characteristics (e.g., tissue type, measurements, amount of drainage, type of drainage)	43	3.67	0.0%	14	3.43	0.0%	47	3.81	0.0%	28	3.68	0.0%	60	3.85	0.0%
Treatment	A.21. Apply, or assist with appropriate dressings	43	3.74	2.3%	14	3.43	0.0%	47	3.64	0.0%	28	3.61	0.0%	60	3.83	0.0%
Treatment	A.22. Apply, or assist with compression wraps and stockings	43	3.55	7.0%	14	3.31	7.1%	47	3.47	0.0%	28	3.56	3.6%	60	3.85	0.0%
Treatment	A.23. Apply, or assist with barrier products	43	3.60	7.0%	14	3.36	0.0%	47	3.45	0.0%	28	3.67	3.6%	60	3.73	0.0%
Treatment	A.24. Remove, or assist with staples or sutures	43	3.20	18.6%	14	3.14	0.0%	47	3.13	2.1%	28	3.07	3.6%	60	3.04	8.3%
Treatment	A.25. Apply, or assist with offloading systems	43	3.68	11.6%	14	3.57	0.0%	47	3.51	0.0%	28	3.59	3.6%	60	3.73	1.7%
Treatment	A.26. Assist with application of cellular and/or tissue products	43	2.93	32.6%	14	2.92	14.3%	47	3.21	40.4%	28	3.38	42.9%	60	3.54	5.0%

Task Domain	Task	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment	A.27. Assist with biopsy	43	2.54	34.9%	14	2.92	14.3%	47	3.12	63.8%	28	3.10	64.3%	60	3.33	8.3%
Treatment	A.28. Assist with or perform negative pressure wound therapy application or removal	43	3.62	9.3%	14	3.36	0.0%	47	3.59	6.4%	28	3.50	0.0%	60	3.83	0.0%
Treatment	A.29. Assist with or perform debridement	43	3.18	23.3%	14	3.23	7.1%	47	3.18	29.8%	28	3.21	32.1%	60	3.51	1.7%
Treatment	A.30. Assist with or perform culture/aspiration	43	3.09	23.3%	14	3.00	0.0%	47	3.14	25.5%	28	3.05	21.4%	60	3.47	3.3%
Treatment	A.31. Assist with or perform wound irrigation or cleansing	43	3.50	7.0%	14	3.29	0.0%	47	3.51	0.0%	28	3.59	3.6%	60	3.72	0.0%
Treatment	A.32. Assist with or perform biophysical technologies (e.g., diathermy, ultrasound, laser)	43	2.60	65.1%	14	2.67	57.1%	47	3.09	76.6%	28	3.14	75.0%	60	3.15	56.7%
Education	A.33. Provide education or demonstrate an understanding of offloading and/or pressure relief	43	3.60	2.3%	14	3.57	0.0%	47	3.43	0.0%	28	3.50	0.0%	60	3.83	0.0%
Education	A.34. Provide education or demonstrate an understanding of wound care protocols rationale	43	3.36	2.3%	14	3.57	0.0%	47	3.36	0.0%	28	3.50	0.0%	60	3.70	0.0%
Education	A.35. Provide education or demonstrate an understanding of therapeutic interventions (e.g., dressings, wound products, negative pressure, compression systems)	43	3.44	0.0%	14	3.57	0.0%	47	3.52	2.1%	28	3.54	0.0%	60	3.77	0.0%
Education	A.36. Provide education or demonstrate an understanding of medication reconciliation	43	3.00	18.6%	14	2.86	0.0%	47	2.90	10.6%	28	3.30	3.6%	60	3.40	3.3%
Education	A.37. Provide education or demonstrate an understanding of lifestyle changes (e.g., smoking cessation, diet, nutrition)	43	3.14	2.3%	14	3.21	0.0%	47	3.30	8.5%	28	3.39	0.0%	60	3.63	0.0%
Education	A.38. Provide education or demonstrate an understanding of disease process	43	3.20	4.7%	14	3.21	0.0%	47	3.33	4.3%	28	3.39	0.0%	60	3.50	0.0%
Education	A.39. Provide education or demonstrate an understanding of diagnostic testing	43	2.89	18.6%	14	2.86	0.0%	47	3.12	8.5%	28	3.15	7.1%	60	3.32	1.7%
Education	A.40. Provide education or demonstrate an understanding of skin care	43	3.50	2.3%	14	3.36	0.0%	47	3.52	2.1%	28	3.57	0.0%	60	3.63	0.0%
Education	A.41. Provide education or demonstrate an understanding of pain management	43	3.02	4.7%	14	2.93	0.0%	47	3.27	4.3%	28	3.50	0.0%	60	3.41	1.7%
Education	A.42. Provide education or demonstrate an understanding of universal precautions	43	3.12	2.3%	14	3.21	0.0%	47	3.43	6.4%	28	3.50	0.0%	60	3.53	0.0%
Education	A.43. Provide education or demonstrate an understanding of positioning and mobility	43	3.51	0.0%	14	3.50	0.0%	47	3.58	4.3%	28	3.54	0.0%	60	3.70	0.0%

Task Domain	Task	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Professional Issues	A.44. Document patient information (e.g., medications, progress, billing, photographs)	43	3.13	9.3%	14	2.71	0.0%	47	3.23	6.4%	28	3.52	3.6%	60	3.63	0.0%
Professional Issues	A.45. Coordinate wound care with supervisor and other team members	43	3.37	0.0%	14	3.36	0.0%	47	3.43	0.0%	28	3.52	3.6%	60	3.57	0.0%
Professional Issues	A.46. Consider financial implications of selected interventions	43	2.75	16.3%	14	2.69	7.1%	47	2.66	12.8%	28	2.93	3.6%	60	3.19	1.7%
Professional Issues	A.47. Follow confidentiality and security regulations	43	3.67	0.0%	14	3.36	0.0%	47	3.49	0.0%	28	3.61	0.0%	60	3.70	0.0%
Professional Issues	A.48. Read current literature on wound care trends	43	3.26	0.0%	14	3.07	0.0%	47	3.24	2.1%	28	3.29	0.0%	60	3.25	0.0%
Professional Issues	A.49. Recognize strength of evidence related to research	43	3.05	0.0%	14	3.14	0.0%	47	3.02	4.3%	28	3.22	3.6%	60	3.21	3.3%
Professional Issues	A.50. Adhere to professional ethical guidelines	43	3.64	2.3%	14	3.50	0.0%	47	3.57	0.0%	28	3.61	0.0%	60	3.73	0.0%

Table J.60. CWCA Importance of Tasks by Workday Percentage (Cont.)

Task Domain	Task	Private Practice			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.1. Ensure proper cleaning of examination rooms between patients (e.g., OSHA guidelines, sanitation, infection control)	10	3.50	0.0%	4	3.00	75.0%	3	3.50	33.3%	2	4.00	50.0%
Patient Preparation	A.2. Disinfect equipment	10	3.50	0.0%	4	3.00	75.0%	3	3.50	33.3%	2	2.50	0.0%
Patient Preparation	A.3. Perform safe patient handling techniques	10	3.56	10.0%	4	4.00	75.0%	3	4.00	33.3%	2	2.50	0.0%
Patient Preparation	A.4. Assist in obtaining health and medication history	10	3.30	0.0%	4	2.00	75.0%	3	3.00	33.3%	2	2.50	0.0%
Patient Preparation	A.5. Obtain recent nutritional history and needs	10	3.11	10.0%	4	2.00	75.0%	3	2.50	33.3%	2	3.00	0.0%
Patient Preparation	A.6. Take and monitor vital signs	10	3.44	10.0%	4	1.00	75.0%	3	2.00	66.7%	2	1.50	0.0%
Patient Preparation	A.7. Photograph the wound	10	3.30	0.0%	4	1.00	75.0%	3	3.00	33.3%	2	4.00	50.0%
Patient Preparation	A.8. Assist with ensuring aseptic or sterile techniques for procedures	10	3.70	0.0%	4	2.00	50.0%	3	3.00	33.3%	2	3.00	0.0%
Patient Preparation	A.9. Set up equipment for procedures	10	3.56	10.0%	4	3.00	50.0%	3	2.00	33.3%	2	2.50	0.0%

Task Domain	Task	Private Practice			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Patient Preparation	A.10. Prepare wound for procedures (e.g., cleansing, removing dressings, topically anesthetize)	10	3.67	10.0%	4	2.00	75.0%	3	4.00	33.3%	2	4.00	0.0%
Patient Assessment	A.11. Assess, or assist with assessing blood flow (e.g., perform Doppler, check pulses, Ankle Brachial Index)	10	3.33	40.0%	4	2.50	50.0%	3	2.50	33.3%	3	3.00	0.0%
Patient Assessment	A.12. Assess, or assist with assessing for risk of pressure wound development	10	3.22	10.0%	4	3.67	25.0%	3	3.00	33.3%	3	3.00	0.0%
Patient Assessment	A.13. Assess, or assist with assessing level of pain	10	3.00	0.0%	4	2.33	25.0%	3	3.00	33.3%	3	3.00	0.0%
Patient Assessment	A.14. Assess, or assist with assessing edema (e.g., limb circumference, volume)	10	3.44	10.0%	4	2.33	25.0%	3	3.00	33.3%	3	2.67	0.0%
Patient Assessment	A.15. Assess, or assist with assessing functional status (e.g., ambulatory status, mobility)	10	3.30	0.0%	4	3.00	25.0%	3	3.00	33.3%	3	2.67	0.0%
Patient Assessment	A.16. Assess, or assist with assessing skin (e.g., for color, swelling, and temperature)	10	3.40	0.0%	4	3.25	0.0%	3	3.50	33.3%	3	3.00	0.0%
Patient Assessment	A.17. Assess, or assist with assessing wound and periwound characteristics (e.g., stage, partial vs full thickness)	10	3.30	0.0%	4	3.25	0.0%	3	4.00	33.3%	3	3.00	0.0%
Patient Assessment	A.18. Assess, or assist with assessing sensory function (e.g., monofilament testing, vibration testing)	10	3.00	10.0%	4	2.50	50.0%	3	3.00	66.7%	3	2.50	33.3%
Patient Assessment	A.19. Identify psychosocial barriers (e.g., cognitive, financial, religious/cultural)	10	2.60	0.0%	4	2.33	25.0%	3	2.50	33.3%	3	2.67	0.0%
Patient Assessment	A.20. Assess and describe wound characteristics (e.g., tissue type, measurements, amount of drainage, type of drainage)	10	3.50	0.0%	4	3.50	0.0%	3	4.00	33.3%	3	3.33	0.0%
Treatment	A.21. Apply, or assist with appropriate dressings	10	3.50	0.0%	4	4.00	50.0%	3	3.00	33.3%	5	4.00	20.0%
Treatment	A.22. Apply, or assist with compression wraps and stockings	10	3.70	0.0%	4	4.00	50.0%	3	3.00	33.3%	5	3.25	20.0%
Treatment	A.23. Apply, or assist with barrier products	10	3.60	0.0%	4	4.00	50.0%	3	3.00	33.3%	5	3.67	40.0%
Treatment	A.24. Remove, or assist with staples or sutures	10	3.22	10.0%	4		100.0%	3	2.00	33.3%	5	2.75	20.0%
Treatment	A.25. Apply, or assist with offloading systems	10	3.70	0.0%	4	3.00	50.0%	3	3.00	33.3%	5	3.50	20.0%
Treatment	A.26. Assist with application of cellular and/or tissue products	10	3.17	40.0%	4	2.00	50.0%	3	3.00	33.3%	5	3.33	40.0%
Treatment	A.27. Assist with biopsy	10	3.57	30.0%	4		100.0%	3	2.00	33.3%	5	3.50	60.0%
Treatment	A.28. Assist with or perform negative pressure wound therapy application or removal	10	3.50	20.0%	4	4.00	75.0%	3	3.00	33.3%	5	3.67	40.0%
Treatment	A.29. Assist with or perform debridement	10	3.56	10.0%	4	3.00	75.0%	3	3.00	33.3%	5	3.50	60.0%

Task Domain	Task	Private Practice			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment	A.30. Assist with or perform culture/aspiration	10	3.43	30.0%	4		100.0%	3	1.50	33.3%	5	3.25	20.0%
Treatment	A.31. Assist with or perform wound irrigation or cleansing	10	3.67	10.0%	4	4.00	75.0%	3	4.00	33.3%	5	4.00	20.0%
Treatment	A.32. Assist with or perform biophysical technologies (e.g., diathermy, ultrasound, laser)	10	3.33	70.0%	4		100.0%	3	2.00	66.7%	5	3.00	80.0%
Education	A.33. Provide education or demonstrate an understanding of offloading and/or pressure relief	10	3.20	0.0%	4	3.67	25.0%	3	3.50	33.3%	4	4.00	0.0%
Education	A.34. Provide education or demonstrate an understanding of wound care protocols rationale	10	3.00	0.0%	4	2.50	0.0%	3	4.00	33.3%	4	4.00	0.0%
Education	A.35. Provide education or demonstrate an understanding of therapeutic interventions (e.g., dressings, wound products, negative pressure, compression systems)	10	3.00	0.0%	4	3.50	0.0%	3	4.00	33.3%	4	4.00	0.0%
Education	A.36. Provide education or demonstrate an understanding of medication reconciliation	10	3.00	10.0%	4	2.50	50.0%	3	3.50	33.3%	4	3.25	0.0%
Education	A.37. Provide education or demonstrate an understanding of lifestyle changes (e.g., smoking cessation, diet, nutrition)	10	3.22	10.0%	4	2.00	50.0%	3	3.50	33.3%	4	3.50	0.0%
Education	A.38. Provide education or demonstrate an understanding of disease process	10	3.20	0.0%	4	3.00	25.0%	3	4.00	0.0%	4	3.25	0.0%
Education	A.39. Provide education or demonstrate an understanding of diagnostic testing	10	3.14	30.0%	4	2.00	25.0%	3	3.00	33.3%	4	3.00	25.0%
Education	A.40. Provide education or demonstrate an understanding of skin care	10	3.50	0.0%	4	3.00	0.0%	3	3.67	0.0%	4	4.00	0.0%
Education	A.41. Provide education or demonstrate an understanding of pain management	10	3.20	0.0%	4	2.00	50.0%	3	3.00	0.0%	4	3.25	0.0%
Education	A.42. Provide education or demonstrate an understanding of universal precautions	10	3.50	0.0%	4	2.67	25.0%	3	3.67	0.0%	4	4.00	0.0%
Education	A.43. Provide education or demonstrate an understanding of positioning and mobility	10	3.50	0.0%	4	3.00	0.0%	3	4.00	33.3%	4	3.50	0.0%
Professional Issues	A.44. Document patient information (e.g., medications, progress, billing, photographs)	10	3.56	10.0%	4	2.33	25.0%	3	2.50	33.3%	5	3.00	0.0%
Professional Issues	A.45. Coordinate wound care with supervisor and other team members	10	3.22	10.0%	4	2.00	25.0%	3	3.00	33.3%	5	3.60	0.0%
Professional Issues	A.46. Consider financial implications of selected interventions	10	3.22	10.0%	4	2.75	0.0%	3	2.67	0.0%	5	2.50	20.0%
Professional Issues	A.47. Follow confidentiality and security regulations	10	3.80	0.0%	4	4.00	25.0%	3	4.00	0.0%	5	3.20	0.0%
Professional Issues	A.48. Read current literature on wound care trends	10	3.30	0.0%	4	2.75	0.0%	3	2.33	0.0%	5	2.80	0.0%

Task Domain	Task	Private Practice			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Professional Issues	A.49. Recognize strength of evidence related to research	10	3.20	0.0%	4	3.25	0.0%	3	3.00	0.0%	5	2.50	20.0%
Professional Issues	A.50. Adhere to professional ethical guidelines	10	3.70	0.0%	4	3.50	0.0%	3	4.00	0.0%	5	3.00	0.0%

# Appendix K. CWS Survey Ratings

Table K.7. CWS Knowledge Topic Ratings by Importance

Domain	Knowledge Topic	Knowledge Subtopic	Stats		
Name	Name	Name	n	Rating	% Not Part of Practice
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	-	<b>819</b>	<b>3.62</b>	<b>0.4%</b>
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.1. Integumentary	819	3.69	0.5%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	819	3.35	0.6%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.3. Vascular	819	3.62	0.4%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.4. Neurological	819	3.16	1.6%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.5. Lymphatic	819	3.24	1.2%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	819	2.89	1.6%
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	-	<b>819</b>	<b>3.81</b>	<b>0.5%</b>
1. Wound Healing Environment	1.B. Wound Healing	1.B.1. Phases	819	3.51	0.9%
1. Wound Healing Environment	1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	819	2.95	3.7%
1. Wound Healing Environment	1.B. Wound Healing	1.B.3. Acute vs. chronic	819	3.54	0.6%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	-	<b>819</b>	<b>3.63</b>	<b>0.6%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	-	<b>819</b>	<b>3.69</b>	<b>0.6%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	-	<b>819</b>	<b>3.87</b>	<b>0.4%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	-	<b>819</b>	<b>3.40</b>	<b>0.4%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	-	<b>819</b>	<b>3.36</b>	<b>0.5%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	-	<b>819</b>	<b>3.32</b>	<b>0.4%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	-	<b>819</b>	<b>3.21</b>	<b>4.5%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	-	<b>819</b>	<b>3.37</b>	<b>1.5%</b>
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	-	<b>819</b>	<b>3.74</b>	<b>2.0%</b>
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	-	<b>819</b>	<b>3.75</b>	<b>0.6%</b>
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	-	<b>819</b>	<b>3.18</b>	<b>7.1%</b>

Domain	Knowledge Topic	Knowledge Subtopic	Stats		
Name	Name	Name	n	Rating	% Not Part of Practice
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	-	<b>819</b>	<b>3.45</b>	<b>1.0%</b>
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	<b>819</b>	<b>3.69</b>	<b>1.0%</b>
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	-	<b>819</b>	<b>3.36</b>	<b>1.2%</b>
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	-	<b>819</b>	<b>2.83</b>	<b>22.8%</b>
3. Patient Management	3.G. Biophysical technologies	3.G.1. Electrical stimulation	819	2.40	51.5%
3. Patient Management	3.G. Biophysical technologies	3.G.2. Ultrasound	819	2.51	44.7%
3. Patient Management	3.G. Biophysical technologies	3.G.3. Diathermy	819	2.21	66.2%
3. Patient Management	3.G. Biophysical technologies	3.G.4. Laser	819	2.21	67.8%
3. Patient Management	3.G. Biophysical technologies	3.G.5. Ultraviolet C	819	2.25	67.9%
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	-	<b>819</b>	<b>3.58</b>	<b>2.2%</b>
<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	-	<b>819</b>	<b>3.53</b>	<b>4.4%</b>
<b>3. Patient Management</b>	<b>3.J. Hyperbaric oxygen therapy</b>	-	<b>819</b>	<b>2.85</b>	<b>40.0%</b>
<b>3. Patient Management</b>	<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	<b>819</b>	<b>3.75</b>	<b>1.5%</b>
<b>3. Patient Management</b>	<b>3.L. Surgical closure or tissue transfer</b>	-	<b>819</b>	<b>2.90</b>	<b>31.5%</b>
<b>3. Patient Management</b>	<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	<b>819</b>	<b>3.16</b>	<b>7.8%</b>
<b>4. Etiological Considerations</b>	<b>4.A. Neuropathy</b>	-	<b>819</b>	<b>3.48</b>	<b>1.1%</b>
<b>4. Etiological Considerations</b>	<b>4.B. Diabetes</b>	-	<b>819</b>	<b>3.69</b>	<b>0.9%</b>
<b>4. Etiological Considerations</b>	<b>4.C. Venous insufficiency</b>	-	<b>819</b>	<b>3.72</b>	<b>1.0%</b>
<b>4. Etiological Considerations</b>	<b>4.D. Ischemia</b>	-	<b>819</b>	<b>3.71</b>	<b>0.9%</b>
<b>4. Etiological Considerations</b>	<b>4.E. Pressure related wounds</b>	-	<b>819</b>	<b>3.75</b>	<b>0.7%</b>
<b>4. Etiological Considerations</b>	<b>4.F. Lymphedema</b>	-	<b>819</b>	<b>3.43</b>	<b>2.3%</b>
<b>4. Etiological Considerations</b>	<b>4.G. Trauma</b>	-	<b>819</b>	<b>3.33</b>	<b>1.6%</b>
<b>4. Etiological Considerations</b>	<b>4.H. Surgical/surgical procedure</b>	-	<b>819</b>	<b>3.25</b>	<b>8.5%</b>

Domain	Knowledge Topic	Knowledge Subtopic	Stats		
Name	Name	Name	n	Rating	% Not Part of Practice
<b>4. Etiological Considerations</b>	<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	<b>819</b>	<b>3.19</b>	<b>2.7%</b>
<b>4. Etiological Considerations</b>	<b>4.J. Dermatological</b>	-	<b>819</b>	<b>3.11</b>	<b>3.9%</b>
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	-	<b>819</b>	<b>3.47</b>	<b>1.0%</b>
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	-	<b>819</b>	<b>3.06</b>	<b>10.6%</b>
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	-	<b>819</b>	<b>3.53</b>	<b>0.9%</b>
<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	-	<b>819</b>	<b>2.69</b>	<b>49.2%</b>
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	-	<b>819</b>	<b>3.33</b>	<b>1.2%</b>
<b>5. Professional Issues</b>	<b>5.A. Documentation/legal concepts</b>	-	<b>819</b>	<b>3.48</b>	<b>0.9%</b>
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	<b>819</b>	<b>3.43</b>	<b>0.6%</b>
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	-	<b>819</b>	<b>2.96</b>	<b>7.6%</b>
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	<b>819</b>	<b>3.28</b>	<b>1.1%</b>
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	-	<b>819</b>	<b>3.40</b>	<b>1.5%</b>
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	-	<b>819</b>	<b>2.93</b>	<b>8.7%</b>
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	-	<b>819</b>	<b>3.44</b>	<b>2.1%</b>

Table K.2. CWS Importance of Knowledge Topic Ratings by Designation

Knowledge Topic	Knowledge Subtopic	Doctor of Medicine (MD)			Doctor of Osteopathy (DO)			Doctor of Podiatric Medicine (DPM)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist (OT)				
		Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP			
<b>1.A. Anatomy and Physiology</b>	-			6	3.17	0.0%	3	3.67	0.0%	23	3.43	0.0%	8	3.88	0.0%	164	3.60	0.6%	4	3.75	0.0%
1.A. Anatomy and Physiology	1.A.1. Integumentary			6	3.33	0.0%	3	4.00	0.0%	23	3.61	0.0%	8	3.75	0.0%	164	3.62	0.6%	4	3.25	0.0%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal			6	3.17	0.0%	3	3.33	0.0%	23	3.52	0.0%	8	3.25	0.0%	164	3.37	0.6%	4	3.25	0.0%
1.A. Anatomy and Physiology	1.A.3. Vascular			6	3.17	0.0%	3	4.00	0.0%	23	3.74	0.0%	8	3.63	0.0%	164	3.65	0.6%	4	3.00	0.0%
1.A. Anatomy and Physiology	1.A.4. Neurological			6	3.17	0.0%	3	3.33	0.0%	23	3.35	0.0%	8	3.50	0.0%	164	3.25	1.8%	4	2.50	0.0%
1.A. Anatomy and Physiology	1.A.5. Lymphatic			6	3.17	0.0%	3	3.67	0.0%	23	3.09	0.0%	8	3.63	0.0%	164	3.31	2.4%	4	3.25	0.0%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)			6	2.67	0.0%	3	3.33	0.0%	23	2.91	0.0%	8	3.25	0.0%	164	3.03	2.4%	4	1.75	0.0%
<b>1.B. Wound Healing</b>	-			6	3.67	0.0%	3	4.00	0.0%	23	3.70	0.0%	8	3.88	0.0%	164	3.73	0.6%	4	4.00	0.0%
1.B. Wound Healing	1.B.1. Phases			6	3.50	0.0%	3	3.33	0.0%	23	3.32	4.3%	8	3.63	0.0%	164	3.41	0.6%	4	3.00	0.0%
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)			6	3.00	0.0%	3	3.33	0.0%	23	2.83	0.0%	8	3.13	0.0%	164	3.03	4.3%	4	1.75	0.0%
1.B. Wound Healing	1.B.3. Acute vs. chronic			6	3.33	0.0%	3	4.00	0.0%	23	3.39	0.0%	8	3.88	0.0%	164	3.52	0.6%	4	2.75	0.0%
<b>2.A. History</b>	-			6	3.50	0.0%	3	3.67	0.0%	23	3.43	0.0%	8	3.75	0.0%	164	3.65	0.0%	4	2.75	0.0%
<b>2.B. Physical examination</b>	-			6	3.83	0.0%	3	4.00	0.0%	23	3.65	0.0%	8	4.00	0.0%	164	3.74	0.0%	4	3.67	25.0%
<b>2.C. Wound and skin assessment</b>	-			6	3.67	0.0%	3	4.00	0.0%	23	3.65	0.0%	8	4.00	0.0%	164	3.90	0.6%	4	4.00	0.0%
<b>2.D. Pain assessment</b>	-			6	3.00	0.0%	3	3.00	0.0%	23	2.91	0.0%	8	3.75	0.0%	164	3.49	0.0%	4	3.50	0.0%
<b>2.E. Risk assessment</b>	-			6	3.00	0.0%	3	3.33	0.0%	23	3.13	0.0%	8	3.88	0.0%	164	3.42	0.6%	4	2.25	0.0%
<b>2.F. Functional assessment</b>	-			6	2.83	0.0%	3	3.00	0.0%	23	3.05	4.3%	8	4.00	0.0%	164	3.37	0.6%	4	3.00	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-			6	2.83	0.0%	3	4.00	0.0%	23	3.43	0.0%	8	3.63	0.0%	164	3.43	0.6%	4	3.00	75.0%

Knowledge Topic	Knowledge Subtopic	Doctor of Medicine (MD)			Doctor of Osteopathy (DO)			Doctor of Podiatric Medicine (DPM)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist (OT)		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>2.H. Nutrition</b>	-	6	3.17	0.0%	3	4.00	0.0%	23	2.96	0.0%	8	3.88	0.0%	164	3.52	0.0%	4	2.33	25.0%
<b>3.A. Wound bed preparation/debridement</b>	-	6	3.50	0.0%	3	4.00	0.0%	23	3.70	0.0%	8	4.00	0.0%	164	3.69	2.4%	4	2.75	0.0%
<b>3.B. Dressings</b>	-	6	3.17	0.0%	3	4.00	0.0%	23	3.65	0.0%	8	4.00	0.0%	164	3.73	1.2%	4	3.75	0.0%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	6	3.17	0.0%	3	3.00	0.0%	23	3.57	0.0%	8	3.63	0.0%	164	3.31	7.3%	4	2.67	25.0%
<b>3.D. Topical agents</b>	-	6	3.33	0.0%	3	4.00	0.0%	23	3.48	0.0%	8	3.75	0.0%	164	3.52	1.8%	4	3.67	25.0%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	6	3.67	0.0%	3	4.00	0.0%	23	3.65	0.0%	8	4.00	0.0%	164	3.73	1.8%	4	3.25	0.0%
<b>3.F. Nutrition</b>	-	6	3.17	0.0%	3	3.67	0.0%	23	2.96	0.0%	8	3.88	0.0%	164	3.46	0.0%	4	2.75	0.0%
<b>3.G. Biophysical technologies</b>	-	6	2.60	16.7%	3	3.33	0.0%	23	2.82	26.1%	8	3.20	37.5%	164	2.88	21.3%	4	1.50	0.0%
3.G. Biophysical technologies	3.G.1. Electrical stimulation	6	1.67	50.0%	3	2.00	66.7%	23	1.71	69.6%	8	2.75	50.0%	164	2.39	51.8%	4	1.67	25.0%
3.G. Biophysical technologies	3.G.2. Ultrasound	6	2.33	50.0%	3	3.00	66.7%	23	2.17	73.9%	8	2.60	37.5%	164	2.47	43.3%	4	1.75	0.0%
3.G. Biophysical technologies	3.G.3. Diathermy	6	2.33	50.0%	3	3.00	66.7%	23	1.50	82.6%	8	2.75	50.0%	164	2.27	59.1%	4	1.50	50.0%
3.G. Biophysical technologies	3.G.4. Laser	6	2.00	83.3%	3	2.00	66.7%	23	2.00	87.0%	8	3.00	62.5%	164	2.28	60.4%	4	2.00	50.0%
3.G. Biophysical technologies	3.G.5. Ultraviolet C	6	2.00	83.3%	3	2.00	66.7%	23	2.00	91.3%	8	3.00	62.5%	164	2.23	61.0%	4	1.50	50.0%
<b>3.H. Compression therapy</b>	-	6	3.50	0.0%	3	4.00	0.0%	23	3.17	0.0%	8	3.63	0.0%	164	3.54	3.7%	4	4.00	0.0%
<b>3.I. Negative pressure wound therapy</b>	-	6	3.33	0.0%	3	3.67	0.0%	23	3.04	0.0%	8	3.75	0.0%	164	3.50	6.1%	4	3.00	25.0%
<b>3.J. Hyperbaric oxygen therapy</b>	-	6	2.83	0.0%	3	3.33	0.0%	23	2.32	4.3%	8	3.25	0.0%	164	2.73	34.1%	4	1.00	75.0%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	6	3.67	0.0%	3	4.00	0.0%	23	3.61	0.0%	8	3.88	0.0%	164	3.78	2.4%	4	3.00	25.0%
<b>3.L. Surgical closure or tissue transfer</b>	-	6	2.60	16.7%	3	3.67	0.0%	23	3.09	4.3%	8	3.38	0.0%	164	2.84	32.9%	4		100.0%

Knowledge Topic	Knowledge Subtopic	Doctor of Medicine (MD)			Doctor of Osteopathy (DO)			Doctor of Podiatric Medicine (DPM)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist (OT)		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	6	3.00	0.0%	3	3.67	0.0%	23	3.04	0.0%	8	3.63	0.0%	164	3.24	4.3%	4	2.67	25.0%
<b>4.A. Neuropathy</b>	-	6	3.83	0.0%	3	4.00	0.0%	23	3.39	0.0%	8	3.88	0.0%	164	3.50	3.0%	4	3.00	25.0%
<b>4.B. Diabetes</b>	-	6	3.67	0.0%	3	4.00	0.0%	23	3.61	0.0%	8	4.00	0.0%	164	3.70	1.2%	4	2.67	25.0%
<b>4.C. Venous insufficiency</b>	-	6	3.67	0.0%	3	4.00	0.0%	23	3.52	0.0%	8	4.00	0.0%	164	3.71	2.4%	4	3.50	0.0%
<b>4.D. Ischemia</b>	-	6	3.67	0.0%	3	4.00	0.0%	23	3.78	0.0%	8	4.00	0.0%	164	3.70	1.8%	4	2.75	0.0%
<b>4.E. Pressure related wounds</b>	-	6	3.67	0.0%	3	4.00	0.0%	23	3.77	4.3%	8	4.00	0.0%	164	3.76	1.2%	4	3.00	0.0%
<b>4.F. Lymphedema</b>	-	6	3.67	0.0%	3	3.67	0.0%	23	3.35	0.0%	8	3.75	0.0%	164	3.44	2.4%	4	3.25	0.0%
<b>4.G. Trauma</b>	-	6	3.50	0.0%	3	3.67	0.0%	23	3.13	0.0%	8	3.63	0.0%	164	3.31	3.0%	4	2.75	0.0%
<b>4.H. Surgical/surgical procedure</b>	-	6	3.20	16.7%	3	4.00	0.0%	23	3.30	0.0%	8	3.63	0.0%	164	3.18	10.4%	4	2.25	0.0%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	6	3.17	0.0%	3	4.00	0.0%	23	3.09	0.0%	8	3.50	0.0%	164	3.31	3.0%	4	2.50	0.0%
<b>4.J. Dermatological</b>	-	6	3.17	0.0%	3	4.00	0.0%	23	3.48	0.0%	8	3.38	0.0%	164	3.33	3.0%	4	2.75	0.0%
<b>4.K. Infectious</b>	-	6	3.50	0.0%	3	4.00	0.0%	23	3.70	0.0%	8	3.88	0.0%	164	3.54	1.2%	4	2.75	0.0%
<b>4.L. Burns</b>	-	6	3.00	16.7%	3	4.00	0.0%	23	2.90	8.7%	8	3.25	0.0%	164	3.14	12.8%	4	2.00	25.0%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	6	3.50	0.0%	3	4.00	0.0%	23	3.30	0.0%	8	3.88	0.0%	164	3.55	1.2%	4	3.50	0.0%
<b>4.N. Pediatric Issues</b>	-	6	3.67	50.0%	3	3.67	0.0%	23	2.50	39.1%	8	2.80	37.5%	164	2.96	50.6%	4	1.50	50.0%
<b>4.O. Inflammatory</b>	-	6	3.50	0.0%	3	3.67	0.0%	23	3.22	0.0%	8	3.75	0.0%	164	3.42	1.8%	4	2.75	0.0%
<b>5.A. Documentation/legal concepts</b>	-	6	3.00	0.0%	3	4.00	0.0%	23	3.36	4.3%	8	4.00	0.0%	164	3.47	0.6%	4	3.00	0.0%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	6	3.00	0.0%	3	4.00	0.0%	23	3.39	0.0%	8	4.00	0.0%	164	3.45	1.2%	4	3.50	0.0%

Knowledge Topic	Knowledge Subtopic	Doctor of Medicine (MD)			Doctor of Osteopathy (DO)			Doctor of Podiatric Medicine (DPM)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist (OT)		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>5.C. Reimbursement and medical economics</b>	-	6	3.00	0.0%	3	3.33	0.0%	23	2.82	4.3%	8	3.43	12.5%	164	3.05	4.3%	4	2.25	0.0%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	6	3.00	0.0%	3	3.67	0.0%	23	3.17	0.0%	8	3.75	0.0%	164	3.32	1.2%	4	3.00	0.0%
<b>5.E. Multidisciplinary teams</b>	-	6	2.80	16.7%	3	3.67	0.0%	23	3.35	0.0%	8	3.63	0.0%	164	3.38	2.4%	4	3.00	0.0%
<b>5.F. Epidemiology</b>	-	6	2.40	16.7%	3	3.00	0.0%	23	2.70	0.0%	8	3.63	0.0%	164	3.08	3.0%	4	1.75	0.0%
<b>5.G. Evidence-based practice and research</b>	-	6	2.50	0.0%	3	3.33	0.0%	23	2.91	0.0%	8	3.63	0.0%	164	3.52	0.6%	4	2.75	0.0%

Table K.2. CWS Importance of Knowledge Topic Ratings by Designation (Cont.)

Knowledge Topic	Knowledge Subtopic	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	210	3.77	0.0%	4	3.00	0.0%	25	3.56	0.0%	1	4.00	0.0%	296	3.54	0.7%	3	3.67	0.0%	72	3.60	0.0%
1.A. Anatomy and Physiology	1.A.1. Integumentary	210	3.86	0.0%	4	3.00	0.0%	25	3.48	0.0%	1	4.00	0.0%	296	3.64	0.7%	3	4.00	0.0%	72	3.65	1.4%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	210	3.56	0.0%	4	2.75	0.0%	25	3.28	0.0%	1	4.00	0.0%	296	3.19	1.0%	3	4.00	0.0%	72	3.30	1.4%
1.A. Anatomy and Physiology	1.A.3. Vascular	210	3.69	0.0%	4	3.25	0.0%	25	3.60	0.0%	1	4.00	0.0%	296	3.58	0.3%	3	4.00	0.0%	72	3.58	1.4%
1.A. Anatomy and Physiology	1.A.4. Neurological	210	3.20	0.0%	4	3.25	0.0%	25	3.12	0.0%	1	2.00	0.0%	296	3.06	3.0%	3	3.67	0.0%	72	3.13	1.4%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	210	3.34	0.5%	4	3.25	0.0%	25	3.16	0.0%	1	4.00	0.0%	296	3.17	1.4%	3	3.33	0.0%	72	3.04	1.4%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal,	210	2.83	1.9%	4	3.00	0.0%	25	2.80	0.0%	1	2.00	0.0%	296	2.88	1.4%	3	3.33	0.0%	72	2.87	1.4%

Knowledge Topic	Knowledge Subtopic	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response			
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	
	respiratory, immunologic																						
<b>1.B. Wound Healing</b>	-	210	3.88	0.0 %	4	3.25	0.0 %	25	3.76	0.0 %	1	4.00	0.0 %	296	3.81	0.7 %	3	3.67	0.0 %	72	3.83	1.4 %	
1.B. Wound Healing	1.B.1. Phases	210	3.66	0.5 %	4	3.25	0.0 %	25	3.48	0.0 %	1	4.00	0.0 %	296	3.50	1.0 %	3	3.67	0.0 %	72	3.49	1.4 %	
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	210	2.88	2.9 %	4	2.00	0.0 %	25	2.72	0.0 %	1	4.00	0.0 %	296	2.98	4.1 %	3	4.00	33.3 %	72	2.96	5.6 %	
1.B. Wound Healing	1.B.3. Acute vs. chronic	210	3.54	0.0 %	4	2.75	0.0 %	25	3.60	0.0 %	1	4.00	0.0 %	296	3.58	1.0 %	3	4.00	0.0 %	72	3.54	1.4 %	
<b>2.A. History</b>	-	210	3.76	0.0 %	4	3.00	0.0 %	25	3.80	0.0 %	1	4.00	0.0 %	296	3.55	1.4 %	3	3.67	0.0 %	72	3.62	1.4 %	
<b>2.B. Physical examination</b>	-	210	3.78	0.0 %	4	3.00	0.0 %	25	3.72	0.0 %	1	4.00	0.0 %	296	3.59	1.0 %	3	4.00	0.0 %	72	3.65	1.4 %	
<b>2.C. Wound and skin assessment</b>	-	210	3.90	0.0 %	4	3.25	0.0 %	25	3.88	0.0 %	1	4.00	0.0 %	296	3.85	0.3 %	3	4.00	0.0 %	72	3.86	1.4 %	
<b>2.D. Pain assessment</b>	-	210	3.37	0.0 %	4	2.75	0.0 %	25	3.20	0.0 %	1	4.00	0.0 %	296	3.44	0.7 %	3	3.67	0.0 %	72	3.35	1.4 %	
<b>2.E. Risk assessment</b>	-	210	3.37	0.5 %	4	2.50	0.0 %	25	3.32	0.0 %	1	4.00	0.0 %	296	3.38	0.3 %	3	3.33	0.0 %	72	3.25	1.4 %	
<b>2.F. Functional assessment</b>	-	210	3.36	0.0 %	4	2.75	0.0 %	25	3.20	0.0 %	1	4.00	0.0 %	296	3.32	0.3 %	3	3.33	0.0 %	72	3.21	0.0 %	
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	210	2.95	8.6 %	4	2.75	0.0 %	25	3.28	0.0 %	1	3.00	0.0 %	296	3.26	3.7 %	3	3.33	0.0 %	72	3.13	5.6 %	
<b>2.H. Nutrition</b>	-	210	3.19	3.3 %	4	2.50	0.0 %	25	3.44	0.0 %	1	3.00	0.0 %	296	3.44	1.0 %	3	4.00	0.0 %	72	3.31	1.4 %	
<b>3.A. Wound bed preparation/debridement</b>	-	210	3.86	0.0 %	4	3.25	0.0 %	25	3.91	8.0 %	1	4.00	0.0 %	296	3.73	2.7 %	3	4.00	0.0 %	72	3.63	2.8 %	
<b>3.B. Dressings</b>	-	210	3.75	0.0 %	4	3.00	0.0 %	25	3.68	0.0 %	1	4.00	0.0 %	296	3.81	0.7 %	3	3.67	0.0 %	72	3.62	1.4 %	

Knowledge Topic	Knowledge Subtopic	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.C. Cellular and/or tissue products for wounds</b>	-	210	2.94	11.4 %	4	2.75	0.0 %	25	3.00	4.0 %	1	4.00	0.0 %	296	3.30	5.4 %	3	2.33	0.0 %	72	3.01	5.6 %
<b>3.D. Topical agents</b>	-	210	3.30	0.0 %	4	2.75	0.0 %	25	3.28	0.0 %	1	4.00	0.0 %	296	3.55	1.0 %	3	3.33	0.0 %	72	3.32	1.4 %
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	210	3.67	0.5 %	4	2.75	0.0 %	25	3.75	4.0 %	1	4.00	0.0 %	296	3.68	0.7 %	3	3.67	0.0 %	72	3.69	1.4 %
<b>3.F. Nutrition</b>	-	210	3.22	2.9 %	4	2.50	0.0 %	25	3.44	0.0 %	1	4.00	0.0 %	296	3.46	1.0 %	3	4.00	0.0 %	72	3.30	1.4 %
<b>3.G. Biophysical technologies</b>	-	210	2.87	16.7 %	4	2.25	0.0 %	25	2.79	24.0 %	1	4.00	0.0 %	296	2.81	28.4 %	3	3.50	33.3 %	72	2.79	22.2 %
3.G. Biophysical technologies	3.G.1. Electrical stimulation	210	2.55	36.2 %	4	2.50	50.0 %	25	2.33	52.0 %	1		100.0%	296	2.27	62.2 %	3	2.50	33.3 %	72	2.50	47.2 %
3.G. Biophysical technologies	3.G.2. Ultrasound	210	2.55	37.1 %	4	2.67	25.0 %	25	2.38	48.0 %	1	4.00	0.0 %	296	2.51	48.0 %	3	2.50	33.3 %	72	2.58	50.0 %
3.G. Biophysical technologies	3.G.3. Diathermy	210	2.24	70.5 %	4	3.00	75.0 %	25	2.09	56.0 %	1		100.0%	296	2.16	68.9 %	3	1.50	33.3 %	72	2.25	61.1 %
3.G. Biophysical technologies	3.G.4. Laser	210	2.15	71.4 %	4	1.00	75.0 %	25	2.18	56.0 %	1		100.0%	296	2.17	69.6 %	3	1.50	33.3 %	72	2.40	65.3 %
3.G. Biophysical technologies	3.G.5. Ultraviolet C	210	2.34	66.2 %	4	1.00	75.0 %	25	2.18	56.0 %	1		100.0%	296	2.19	73.0 %	3	2.50	33.3 %	72	2.32	65.3 %
<b>3.H. Compression therapy</b>	-	210	3.60	1.0 %	4	3.25	0.0 %	25	3.57	8.0 %	1	4.00	0.0 %	296	3.62	2.0 %	3	3.67	0.0 %	72	3.49	2.8 %
<b>3.I. Negative pressure wound therapy</b>	-	210	3.51	4.3 %	4	3.00	0.0 %	25	3.57	8.0 %	1	4.00	0.0 %	296	3.60	3.0 %	3	3.67	0.0 %	72	3.51	6.9 %
<b>3.J. Hyperbaric oxygen therapy</b>	-	210	2.56	59.5 %	4	2.33	25.0 %	25	2.47	40.0 %	1	4.00	0.0 %	296	3.06	35.1 %	3	2.33	0.0 %	72	3.11	38.9 %
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	210	3.76	0.5 %	4	3.00	0.0 %	25	3.54	4.0 %	1	4.00	0.0 %	296	3.80	1.0 %	3	4.00	0.0 %	72	3.64	2.8 %

Knowledge Topic	Knowledge Subtopic	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.L. Surgical closure or tissue transfer</b>	-	210	2.77	39.0 %	4	2.33	25.0 %	25	3.16	24.0 %	1	4.00	0.0 %	296	2.97	30.1 %	3	3.67	0.0 %	72	2.79	27.8 %
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	210	3.05	12.4 %	4	2.50	0.0 %	25	3.21	4.0 %	1	4.00	0.0 %	296	3.21	7.8 %	3	2.33	0.0 %	72	3.14	8.3 %
<b>4.A. Neuropathy</b>	-	210	3.52	0.0 %	4	3.00	0.0 %	25	3.52	0.0 %	1	4.00	0.0 %	296	3.45	0.7 %	3	3.67	0.0 %	72	3.44	1.4 %
<b>4.B. Diabetes</b>	-	210	3.70	0.5 %	4	3.25	0.0 %	25	3.60	0.0 %	1	4.00	0.0 %	296	3.70	0.7 %	3	3.67	0.0 %	72	3.59	1.4 %
<b>4.C. Venous insufficiency</b>	-	210	3.74	0.5 %	4	3.25	0.0 %	25	3.68	0.0 %	1	4.00	0.0 %	296	3.73	0.7 %	3	3.67	0.0 %	72	3.68	1.4 %
<b>4.D. Ischemia</b>	-	210	3.71	0.5 %	4	3.25	0.0 %	25	3.72	0.0 %	1	4.00	0.0 %	296	3.73	0.7 %	3	4.00	0.0 %	72	3.61	1.4 %
<b>4.E. Pressure related wounds</b>	-	210	3.77	0.0 %	4	3.00	0.0 %	25	3.72	0.0 %	1	4.00	0.0 %	296	3.78	0.7 %	3	3.33	0.0 %	72	3.59	1.4 %
<b>4.F. Lymphedema</b>	-	210	3.35	2.9 %	4	3.00	0.0 %	25	3.50	4.0 %	1	4.00	0.0 %	296	3.48	2.0 %	3	3.67	0.0 %	72	3.31	2.8 %
<b>4.G. Trauma</b>	-	210	3.34	1.0 %	4	2.75	0.0 %	25	3.44	0.0 %	1	4.00	0.0 %	296	3.35	1.4 %	3	3.33	0.0 %	72	3.23	2.8 %
<b>4.H. Surgical/surgical procedure</b>	-	210	3.30	6.2 %	4	2.75	0.0 %	25	3.30	8.0 %	1	4.00	0.0 %	296	3.25	8.8 %	3	3.33	0.0 %	72	3.25	15.3 %
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	210	3.09	3.3 %	4	2.75	0.0 %	25	3.04	4.0 %	1	4.00	0.0 %	296	3.24	2.0 %	3	3.00	0.0 %	72	3.10	4.2 %
<b>4.J. Dermatological</b>	-	210	2.93	4.3 %	4	2.75	0.0 %	25	3.20	0.0 %	1	4.00	0.0 %	296	3.09	5.4 %	3	3.00	0.0 %	72	3.07	2.8 %
<b>4.K. Infectious</b>	-	210	3.39	1.0 %	4	3.00	0.0 %	25	3.56	0.0 %	1	4.00	0.0 %	296	3.48	1.0 %	3	3.67	0.0 %	72	3.37	1.4 %
<b>4.L. Burns</b>	-	210	3.03	11.4 %	4	3.00	0.0 %	25	3.12	0.0 %	1	2.00	0.0 %	296	3.08	9.1 %	3	3.00	33.3 %	72	2.89	13.9 %
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	210	3.53	0.0 %	4	3.00	0.0 %	25	3.67	4.0 %	1	4.00	0.0 %	296	3.53	1.0 %	3	3.33	0.0 %	72	3.46	1.4 %
<b>4.N. Pediatric Issues</b>	-	210	2.52	49.5 %	4	2.50	50.0 %	25	2.85	48.0 %	1		100. 0%	296	2.63	50.7 %	3	2.50	33.3 %	72	2.77	45.8 %

Knowledge Topic	Knowledge Subtopic	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4.O. Inflammatory</b>	-	210	3.31	0.0 %	4	3.00	0.0 %	25	3.28	0.0 %	1	4.00	0.0 %	296	3.36	1.7 %	3	3.33	0.0 %	72	3.13	2.8 %
<b>5.A. Documentation/legal concepts</b>	-	210	3.54	0.0 %	4	3.00	0.0 %	25	3.48	0.0 %	1	4.00	0.0 %	296	3.51	1.0 %	3	3.67	0.0 %	72	3.21	2.8 %
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	210	3.49	0.0 %	4	2.00	0.0 %	25	3.40	0.0 %	1	4.00	0.0 %	296	3.44	0.7 %	3	3.00	0.0 %	72	3.30	1.4 %
<b>5.C. Reimbursement and medical economics</b>	-	210	3.01	6.2 %	4	3.00	0.0 %	25	3.04	4.0 %	1		100.0%	296	2.89	11.5 %	3	3.33	0.0 %	72	2.85	5.6 %
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	210	3.22	0.5 %	4	2.50	0.0 %	25	3.38	4.0 %	1	4.00	0.0 %	296	3.36	1.4 %	3	3.33	0.0 %	72	3.07	1.4 %
<b>5.E. Multidisciplinary teams</b>	-	210	3.44	1.0 %	4	2.00	0.0 %	25	3.32	0.0 %	1	4.00	0.0 %	296	3.41	1.4 %	3	3.67	0.0 %	72	3.39	1.4 %
<b>5.F. Epidemiology</b>	-	210	2.71	13.3 %	4	2.75	0.0 %	25	2.96	0.0 %	1	4.00	0.0 %	296	3.00	10.1 %	3	3.33	0.0 %	72	2.94	9.7 %
<b>5.G. Evidence-based practice and research</b>	-	210	3.41	1.9 %	4	2.00	0.0 %	25	3.44	0.0 %	1	4.00	0.0 %	296	3.53	3.7 %	3	3.67	0.0 %	72	3.32	1.4 %

Table K.3. CWS Importance of Knowledge Topic Ratings by Experience

Knowledge Topic	Knowledge Subtopic	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	29	3.62	0.0%	50	3.62	0.0%	165	3.58	1.8%	299	3.58	0.0%	204	3.71	0.0%	72	3.60	0.0%
1.A. Anatomy and Physiology	1.A.1. Integumentary	29	3.55	0.0%	50	3.62	0.0%	165	3.64	1.8%	299	3.70	0.0%	204	3.75	0.0%	72	3.65	1.4%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	29	3.28	0.0%	50	3.16	2.0%	165	3.27	1.8%	299	3.33	0.0%	204	3.50	0.0%	72	3.30	1.4%

Knowledge Topic	Knowledge Subtopic	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Name	Name																		
1.A. Anatomy and Physiology	1.A.3. Vascular	29	3.59	0.0%	50	3.58	0.0%	165	3.61	1.2%	299	3.63	0.0%	204	3.66	0.0%	72	3.58	1.4%
1.A. Anatomy and Physiology	1.A.4. Neurological	29	3.07	0.0%	50	3.04	4.0%	165	3.09	3.0%	299	3.14	1.0%	204	3.29	1.0%	72	3.13	1.4%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	29	3.03	0.0%	50	3.20	2.0%	165	3.15	1.2%	299	3.26	0.7%	204	3.38	2.0%	72	3.04	1.4%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	29	2.86	0.0%	50	2.67	2.0%	165	2.86	2.4%	299	2.94	1.7%	204	2.92	1.0%	72	2.87	1.4%
<b>1.B. Wound Healing</b>	-	29	3.69	0.0%	50	3.86	0.0%	165	3.75	1.2%	299	3.82	0.0%	204	3.83	0.5%	72	3.83	1.4%
1.B. Wound Healing	1.B.1. Phases	29	3.34	0.0%	50	3.48	0.0%	165	3.40	1.8%	299	3.57	0.7%	204	3.58	0.5%	72	3.49	1.4%
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	29	2.57	3.4%	50	2.86	2.0%	165	2.89	4.8%	299	2.97	2.7%	204	3.02	3.9%	72	2.96	5.6%
1.B. Wound Healing	1.B.3. Acute vs. chronic	29	3.34	0.0%	50	3.68	0.0%	165	3.50	1.8%	299	3.53	0.0%	204	3.60	0.5%	72	3.54	1.4%
<b>2.A. History</b>	-	29	3.59	0.0%	50	3.61	2.0%	165	3.52	0.6%	299	3.63	0.7%	204	3.73	0.0%	72	3.62	1.4%
<b>2.B. Physical examination</b>	-	29	3.66	0.0%	50	3.71	2.0%	165	3.66	0.6%	299	3.68	0.7%	204	3.73	0.0%	72	3.65	1.4%
<b>2.C. Wound and skin assessment</b>	-	29	3.83	0.0%	50	3.86	0.0%	165	3.87	1.2%	299	3.86	0.0%	204	3.88	0.0%	72	3.86	1.4%
<b>2.D. Pain assessment</b>	-	29	3.34	0.0%	50	3.48	0.0%	165	3.40	0.6%	299	3.40	0.3%	204	3.41	0.0%	72	3.35	1.4%
<b>2.E. Risk assessment</b>	-	29	3.28	0.0%	50	3.50	0.0%	165	3.33	1.2%	299	3.37	0.3%	204	3.38	0.0%	72	3.25	1.4%
<b>2.F. Functional assessment</b>	-	29	3.14	0.0%	50	3.34	0.0%	165	3.31	1.2%	299	3.34	0.3%	204	3.35	0.0%	72	3.21	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	29	3.11	3.4%	50	3.32	6.0%	165	3.19	3.0%	299	3.26	4.3%	204	3.19	5.4%	72	3.13	5.6%
<b>2.H. Nutrition</b>	-	29	3.25	3.4%	50	3.54	0.0%	165	3.31	0.6%	299	3.38	2.0%	204	3.39	1.5%	72	3.31	1.4%
<b>3.A. Wound bed preparation/debridement</b>	-	29	3.68	3.4%	50	3.82	0.0%	165	3.74	3.6%	299	3.75	2.0%	204	3.77	0.5%	72	3.63	2.8%
<b>3.B. Dressings</b>	-	29	3.72	0.0%	50	3.88	0.0%	165	3.73	1.8%	299	3.78	0.0%	204	3.72	0.5%	72	3.62	1.4%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	29	3.48	6.9%	50	3.30	8.0%	165	3.25	8.5%	299	3.20	5.0%	204	3.08	9.3%	72	3.01	5.6%
<b>3.D. Topical agents</b>	-	29	3.54	3.4%	50	3.46	0.0%	165	3.41	2.4%	299	3.53	0.0%	204	3.38	1.0%	72	3.32	1.4%

Knowledge Topic	Knowledge Subtopic	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	29	3.68	3.4%	50	3.68	0.0%	165	3.71	2.4%	299	3.72	0.3%	204	3.64	0.5%	72	3.69	1.4%
<b>3.F. Nutrition</b>	-	29	3.34	0.0%	50	3.46	0.0%	165	3.27	0.6%	299	3.39	1.7%	204	3.41	1.5%	72	3.30	1.4%
<b>3.G. Biophysical technologies</b>	-	29	2.94	37.9%	50	2.71	24.0%	165	2.73	27.9%	299	2.87	18.4%	204	2.89	23.0%	72	2.79	22.2%
3.G. Biophysical technologies	3.G.1. Electrical stimulation	29	2.58	58.6%	50	2.20	60.0%	165	2.31	63.0%	299	2.28	46.5%	204	2.61	48.0%	72	2.50	47.2%
3.G. Biophysical technologies	3.G.2. Ultrasound	29	2.50	51.7%	50	2.22	46.0%	165	2.40	50.9%	299	2.49	36.5%	204	2.68	48.5%	72	2.58	50.0%
3.G. Biophysical technologies	3.G.3. Diathermy	29	2.20	65.5%	50	1.79	72.0%	165	2.20	72.7%	299	2.18	63.2%	204	2.33	65.7%	72	2.25	61.1%
3.G. Biophysical technologies	3.G.4. Laser	29	2.10	65.5%	50	1.73	70.0%	165	2.25	75.8%	299	2.20	63.5%	204	2.25	68.1%	72	2.40	65.3%
3.G. Biophysical technologies	3.G.5. Ultraviolet C	29	1.78	69.0%	50	1.76	66.0%	165	2.28	73.9%	299	2.33	64.5%	204	2.27	69.1%	72	2.32	65.3%
<b>3.H. Compression therapy</b>	-	29	3.46	10.3%	50	3.58	0.0%	165	3.58	5.5%	299	3.58	0.0%	204	3.62	2.0%	72	3.49	2.8%
<b>3.I. Negative pressure wound therapy</b>	-	29	3.32	13.8%	50	3.65	2.0%	165	3.59	7.9%	299	3.53	2.3%	204	3.47	2.9%	72	3.51	6.9%
<b>3.J. Hyperbaric oxygen therapy</b>	-	29	2.47	41.4%	50	2.80	40.0%	165	2.89	48.5%	299	2.82	35.5%	204	2.82	40.2%	72	3.11	38.9%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	29	3.63	6.9%	50	3.80	0.0%	165	3.76	3.0%	299	3.75	0.3%	204	3.80	1.0%	72	3.64	2.8%
<b>3.L. Surgical closure or tissue transfer</b>	-	29	2.76	27.6%	50	2.92	24.0%	165	2.94	35.2%	299	2.88	32.1%	204	2.96	31.4%	72	2.79	27.8%
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	29	3.12	10.3%	50	3.00	8.0%	165	3.11	8.5%	299	3.19	7.0%	204	3.22	7.8%	72	3.14	8.3%
<b>4.A. Neuropathy</b>	-	29	3.31	0.0%	50	3.53	2.0%	165	3.51	1.8%	299	3.48	0.7%	204	3.50	1.0%	72	3.44	1.4%
<b>4.B. Diabetes</b>	-	29	3.72	0.0%	50	3.78	0.0%	165	3.69	1.2%	299	3.71	0.7%	204	3.65	1.0%	72	3.59	1.4%
<b>4.C. Venous insufficiency</b>	-	29	3.75	3.4%	50	3.78	2.0%	165	3.73	1.2%	299	3.74	0.7%	204	3.67	0.5%	72	3.68	1.4%
<b>4.D. Ischemia</b>	-	29	3.71	3.4%	50	3.72	0.0%	165	3.72	1.2%	299	3.72	0.3%	204	3.71	1.0%	72	3.61	1.4%
<b>4.E. Pressure related wounds</b>	-	29	3.75	3.4%	50	3.88	0.0%	165	3.71	1.2%	299	3.80	0.3%	204	3.73	0.5%	72	3.59	1.4%

Knowledge Topic	Knowledge Subtopic	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4.F. Lymphedema</b>	-	29	3.38	0.0%	50	3.52	0.0%	165	3.45	3.6%	299	3.45	1.3%	204	3.40	3.4%	72	3.31	2.8%
<b>4.G. Trauma</b>	-	29	3.39	3.4%	50	3.27	2.0%	165	3.33	1.2%	299	3.38	0.3%	204	3.29	2.9%	72	3.23	2.8%
<b>4.H. Surgical/surgical procedure</b>	-	29	3.19	6.9%	50	3.28	6.0%	165	3.26	10.3%	299	3.27	6.0%	204	3.22	9.3%	72	3.25	15.3%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	29	3.21	0.0%	50	3.22	0.0%	165	3.23	3.6%	299	3.19	2.0%	204	3.18	3.4%	72	3.10	4.2%
<b>4.J. Dermatological</b>	-	29	3.22	6.9%	50	3.19	4.0%	165	3.17	4.8%	299	3.14	2.3%	204	3.02	5.4%	72	3.07	2.8%
<b>4.K. Infectious</b>	-	29	3.31	0.0%	50	3.66	0.0%	165	3.49	1.2%	299	3.49	0.7%	204	3.43	1.5%	72	3.37	1.4%
<b>4.L. Burns</b>	-	29	3.26	20.7%	50	3.18	10.0%	165	3.14	9.7%	299	3.06	7.7%	204	2.99	13.2%	72	2.89	13.9%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	29	3.45	0.0%	50	3.54	0.0%	165	3.57	2.4%	299	3.54	0.3%	204	3.51	0.5%	72	3.46	1.4%
<b>4.N. Pediatric Issues</b>	-	29	3.06	44.8%	50	2.67	52.0%	165	2.62	47.3%	299	2.74	47.8%	204	2.60	53.9%	72	2.77	45.8%
<b>4.O. Inflammatory</b>	-	29	3.34	0.0%	50	3.40	0.0%	165	3.38	1.8%	299	3.35	1.3%	204	3.33	0.5%	72	3.13	2.8%
<b>5.A. Documentation/legal concepts</b>	-	29	3.41	0.0%	50	3.60	0.0%	165	3.37	1.2%	299	3.55	0.3%	204	3.54	1.0%	72	3.21	2.8%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	29	3.41	0.0%	50	3.52	0.0%	165	3.41	1.2%	299	3.45	0.3%	204	3.47	0.5%	72	3.30	1.4%
<b>5.C. Reimbursement and medical economics</b>	-	29	3.15	6.9%	50	2.77	4.0%	165	2.91	9.7%	299	2.99	7.0%	204	3.02	8.3%	72	2.85	5.6%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	29	3.41	0.0%	50	3.42	0.0%	165	3.30	1.8%	299	3.31	1.3%	204	3.26	0.5%	72	3.07	1.4%
<b>5.E. Multidisciplinary teams</b>	-	29	3.46	10.3%	50	3.54	0.0%	165	3.36	2.4%	299	3.39	0.3%	204	3.41	1.5%	72	3.39	1.4%
<b>5.F. Epidemiology</b>	-	29	2.96	6.9%	50	3.05	12.0%	165	2.89	6.7%	299	2.95	7.7%	204	2.89	10.8%	72	2.94	9.7%
<b>5.G. Evidence-based practice and research</b>	-	29	3.59	0.0%	50	3.56	0.0%	165	3.52	1.2%	299	3.41	1.7%	204	3.40	4.4%	72	3.32	1.4%

Table K.4. CWS Importance of Knowledge Topic Ratings by Workday Percentage

Knowledge Topic	Knowledge Subtopic	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	81	3.58	2.5%	87	3.37	1.1%	64	3.66	0.0%	88	3.65	0.0%	140	3.61	0.0%	287	3.69	0.0%
1.A. Anatomy and Physiology	1.A.1. Integumentary	81	3.66	2.5%	87	3.37	1.1%	64	3.75	0.0%	88	3.76	0.0%	140	3.71	0.0%	287	3.75	0.0%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	81	3.48	2.5%	87	3.11	0.0%	64	3.47	0.0%	88	3.35	0.0%	140	3.35	0.7%	287	3.36	0.3%
1.A. Anatomy and Physiology	1.A.3. Vascular	81	3.46	2.5%	87	3.39	0.0%	64	3.77	0.0%	88	3.66	0.0%	140	3.59	0.0%	287	3.73	0.0%
1.A. Anatomy and Physiology	1.A.4. Neurological	81	3.22	2.5%	87	2.94	0.0%	64	3.39	0.0%	88	3.26	1.1%	140	3.13	0.7%	287	3.14	2.8%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	81	2.96	3.7%	87	3.02	1.1%	64	3.42	0.0%	88	3.26	2.3%	140	3.24	0.7%	287	3.38	0.7%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	81	2.86	3.7%	87	2.63	1.1%	64	3.24	1.6%	88	2.98	1.1%	140	2.90	0.7%	287	2.88	1.7%
<b>1.B. Wound Healing</b>	-	81	3.59	3.7%	87	3.54	0.0%	64	3.81	0.0%	88	3.86	0.0%	140	3.84	0.0%	287	3.91	0.0%
1.B. Wound Healing	1.B.1. Phases	81	3.31	4.9%	87	3.22	2.3%	64	3.50	0.0%	88	3.64	0.0%	140	3.56	0.0%	287	3.61	0.0%
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	81	2.67	11.1%	87	2.66	4.6%	64	2.98	1.6%	88	2.94	3.4%	140	3.01	1.4%	287	3.06	2.4%
1.B. Wound Healing	1.B.3. Acute vs. chronic	81	3.41	3.7%	87	3.17	1.1%	64	3.58	0.0%	88	3.64	0.0%	140	3.59	0.0%	287	3.63	0.0%
<b>2.A. History</b>	-	81	3.59	1.2%	87	3.52	0.0%	64	3.59	1.6%	88	3.68	0.0%	140	3.59	0.0%	287	3.69	0.7%
<b>2.B. Physical examination</b>	-	81	3.83	1.2%	87	3.66	0.0%	64	3.66	0.0%	88	3.69	0.0%	140	3.66	1.4%	287	3.69	0.3%
<b>2.C. Wound and skin assessment</b>	-	81	3.76	2.5%	87	3.69	0.0%	64	3.81	0.0%	88	3.91	0.0%	140	3.94	0.0%	287	3.91	0.0%
<b>2.D. Pain assessment</b>	-	81	3.38	1.2%	87	3.16	0.0%	64	3.48	0.0%	88	3.52	0.0%	140	3.43	0.7%	287	3.42	0.0%
<b>2.E. Risk assessment</b>	-	81	3.27	2.5%	87	3.28	1.1%	64	3.52	0.0%	88	3.45	0.0%	140	3.36	0.0%	287	3.37	0.0%
<b>2.F. Functional assessment</b>	-	81	3.38	2.5%	87	3.27	1.1%	64	3.39	0.0%	88	3.33	0.0%	140	3.34	0.0%	287	3.31	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	81	2.92	7.4%	87	2.99	6.9%	64	3.16	3.1%	88	3.18	5.7%	140	3.24	3.6%	287	3.38	3.1%
<b>2.H. Nutrition</b>	-	81	3.26	3.7%	87	3.09	2.3%	64	3.38	1.6%	88	3.38	2.3%	140	3.44	1.4%	287	3.44	0.3%
<b>3.A. Wound bed preparation/debridement</b>	-	81	3.58	8.6%	87	3.51	2.3%	64	3.64	0.0%	88	3.80	1.1%	140	3.84	0.7%	287	3.85	1.0%

Knowledge Topic	Knowledge Subtopic	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.B. Dressings</b>	-	81	3.52	4.9%	87	3.51	0.0%	64	3.78	0.0%	88	3.82	0.0%	140	3.84	0.0%	287	3.83	0.0%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	81	2.84	14.8%	87	3.05	9.2%	64	3.25	10.9%	88	3.29	10.2%	140	3.23	5.0%	287	3.27	3.8%
<b>3.D. Topical agents</b>	-	81	3.04	6.2%	87	3.17	1.1%	64	3.47	0.0%	88	3.53	0.0%	140	3.58	0.0%	287	3.57	0.3%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	81	3.36	7.4%	87	3.45	0.0%	64	3.73	0.0%	88	3.73	0.0%	140	3.73	0.7%	287	3.81	0.0%
<b>3.F. Nutrition</b>	-	81	3.09	3.7%	87	3.07	2.3%	64	3.29	3.1%	88	3.34	0.0%	140	3.49	0.7%	287	3.51	0.3%
<b>3.G. Biophysical technologies</b>	-	81	2.56	22.2%	87	2.77	16.1%	64	2.89	28.1%	88	2.90	28.4%	140	2.91	20.0%	287	2.88	23.7%
3.G. Biophysical technologies	<b>3.G.1. Electrical stimulation</b>	81	2.41	51.9%	87	2.33	33.3%	64	2.66	54.7%	88	2.33	54.5%	140	2.55	57.1%	287	2.30	53.7%
3.G. Biophysical technologies	3.G.2. Ultrasound	81	2.21	46.9%	87	2.38	36.8%	64	2.65	51.6%	88	2.37	51.1%	140	2.64	45.7%	287	2.56	41.1%
3.G. Biophysical technologies	3.G.3. Diathermy	81	2.10	63.0%	87	2.30	57.5%	64	2.30	64.1%	88	2.15	62.5%	140	2.30	71.4%	287	2.15	70.0%
3.G. Biophysical technologies	3.G.4. Laser	81	2.14	64.2%	87	2.14	58.6%	64	2.35	68.8%	88	2.19	64.8%	140	2.29	72.9%	287	2.14	70.4%
3.G. Biophysical technologies	3.G.5. Ultraviolet C	81	2.20	69.1%	87	2.18	56.3%	64	2.35	68.8%	88	2.31	70.5%	140	2.29	70.7%	287	2.22	69.3%
<b>3.H. Compression therapy</b>	-	81	3.13	12.3%	87	3.24	1.1%	64	3.49	1.6%	88	3.62	1.1%	140	3.70	1.4%	287	3.76	0.3%
<b>3.I. Negative pressure wound therapy</b>	-	81	3.07	16.0%	87	3.15	8.0%	64	3.49	4.7%	88	3.48	3.4%	140	3.71	1.4%	287	3.68	1.0%
<b>3.J. Hyperbaric oxygen therapy</b>	-	81	2.50	60.5%	87	2.51	34.5%	64	2.67	43.8%	88	2.64	46.6%	140	2.90	36.4%	287	3.01	35.2%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	81	3.64	8.6%	87	3.43	1.1%	64	3.70	0.0%	88	3.75	1.1%	140	3.85	0.0%	287	3.87	0.3%
<b>3.L. Surgical closure or tissue transfer</b>	-	81	2.76	48.1%	87	2.76	33.3%	64	3.05	32.8%	88	3.04	38.6%	140	2.88	26.4%	287	2.94	27.2%
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	81	2.90	14.8%	87	2.92	9.2%	64	3.40	10.9%	88	3.05	8.0%	140	3.15	4.3%	287	3.29	6.3%
<b>4.A. Neuropathy</b>	-	81	3.34	6.2%	87	3.18	0.0%	64	3.52	1.6%	88	3.55	1.1%	140	3.54	0.0%	287	3.57	0.3%
<b>4.B. Diabetes</b>	-	81	3.48	4.9%	87	3.38	0.0%	64	3.78	0.0%	88	3.71	1.1%	140	3.77	0.7%	287	3.79	0.0%

Knowledge Topic	Knowledge Subtopic	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4.C. Venous insufficiency</b>	-	81	3.55	6.2%	87	3.40	0.0%	64	3.70	1.6%	88	3.75	0.0%	140	3.80	0.7%	287	3.82	0.0%
<b>4.D. Ischemia</b>	-	81	3.51	6.2%	87	3.42	1.1%	64	3.77	0.0%	88	3.70	0.0%	140	3.79	0.0%	287	3.82	0.0%
<b>4.E. Pressure related wounds</b>	-	81	3.57	4.9%	87	3.48	1.1%	64	3.81	0.0%	88	3.80	0.0%	140	3.85	0.0%	287	3.84	0.0%
<b>4.F. Lymphedema</b>	-	81	3.16	4.9%	87	3.20	3.4%	64	3.49	1.6%	88	3.50	4.5%	140	3.40	1.4%	287	3.57	1.0%
<b>4.G. Trauma</b>	-	81	3.19	4.9%	87	3.06	3.4%	64	3.22	1.6%	88	3.29	3.4%	140	3.37	0.0%	287	3.47	0.0%
<b>4.H. Surgical/surgical procedure</b>	-	81	2.94	14.8%	87	3.11	9.2%	64	3.10	9.4%	88	3.23	11.4%	140	3.26	5.0%	287	3.41	5.6%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	81	2.90	9.9%	87	2.94	4.6%	64	3.03	1.6%	88	3.16	1.1%	140	3.29	0.7%	287	3.36	1.4%
<b>4.J. Dermatological</b>	-	81	2.97	6.2%	87	2.96	6.9%	64	3.23	6.3%	88	3.19	8.0%	140	3.09	1.4%	287	3.17	2.1%
<b>4.K. Infectious</b>	-	81	3.25	2.5%	87	3.15	1.1%	64	3.52	1.6%	88	3.51	1.1%	140	3.56	0.0%	287	3.58	0.7%
<b>4.L. Burns</b>	-	81	3.01	16.0%	87	2.89	12.6%	64	2.93	14.1%	88	3.03	11.4%	140	3.06	9.3%	287	3.19	7.3%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	81	3.26	6.2%	87	3.24	0.0%	64	3.53	0.0%	88	3.57	1.1%	140	3.58	0.0%	287	3.66	0.0%
<b>4.N. Pediatric Issues</b>	-	81	2.91	59.3%	87	2.44	52.9%	64	2.86	54.7%	88	2.54	47.7%	140	2.96	49.3%	287	2.59	45.3%
<b>4.O. Inflammatory</b>	-	81	3.05	3.7%	87	2.97	1.1%	64	3.36	0.0%	88	3.39	4.5%	140	3.48	0.0%	287	3.48	0.0%
<b>5.A. Documentation/legal concepts</b>	-	81	3.49	1.2%	87	3.38	2.3%	64	3.60	1.6%	88	3.54	1.1%	140	3.59	0.0%	287	3.47	0.0%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	81	3.37	2.5%	87	3.28	0.0%	64	3.52	0.0%	88	3.37	2.3%	140	3.49	0.0%	287	3.51	0.0%
<b>5.C. Reimbursement and medical economics</b>	-	81	2.85	11.1%	87	2.95	8.0%	64	2.95	6.3%	88	3.04	10.2%	140	3.06	8.6%	287	2.95	5.9%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	81	3.18	3.7%	87	3.17	0.0%	64	3.39	0.0%	88	3.38	3.4%	140	3.38	0.0%	287	3.30	0.7%
<b>5.E. Multidisciplinary teams</b>	-	81	3.37	3.7%	87	3.20	1.1%	64	3.38	0.0%	88	3.38	4.5%	140	3.47	0.0%	287	3.44	1.0%
<b>5.F. Epidemiology</b>	-	81	2.89	8.6%	87	2.67	10.3%	64	3.05	10.9%	88	2.96	11.4%	140	2.97	5.0%	287	2.95	8.4%

Knowledge Topic	Knowledge Subtopic	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>5.G. Evidence-based practice and research</b>	-	81	3.47	4.9%	87	3.15	2.3%	64	3.29	1.6%	88	3.45	1.1%	140	3.56	1.4%	287	3.52	2.1%

Table K.5. CWS Importance of Knowledge Topic Ratings by Primary Placement

Knowledge Topic	Knowledge Subtopic	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center					
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	208	3.63	0.5%	17	3.53	0.0%	109	3.57	0.9%	50	3.48	0.0%	231	3.66	0.0%			
1.A. Anatomy and Physiology	1.A.1. Integumentary	208	3.73	0.5%	17	3.59	0.0%	109	3.55	0.9%	50	3.62	0.0%	231	3.74	0.0%			
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	208	3.38	0.5%	17	3.59	0.0%	109	3.33	0.9%	50	3.16	0.0%	231	3.31	0.9%			
1.A. Anatomy and Physiology	1.A.3. Vascular	208	3.50	0.5%	17	3.71	0.0%	109	3.61	0.9%	50	3.42	0.0%	231	3.74	0.0%			
1.A. Anatomy and Physiology	1.A.4. Neurological	208	3.13	1.9%	17	3.24	0.0%	109	3.18	1.8%	50	2.90	0.0%	231	3.12	2.2%			
1.A. Anatomy and Physiology	1.A.5. Lymphatic	208	3.14	2.4%	17	3.29	0.0%	109	3.11	1.8%	50	3.08	0.0%	231	3.41	0.4%			
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	208	2.78	2.4%	17	3.25	5.9%	109	2.93	2.8%	50	2.98	0.0%	231	2.87	1.3%			
<b>1.B. Wound Healing</b>	-	208	3.78	0.5%	17	3.76	0.0%	109	3.78	0.9%	50	3.78	2.0%	231	3.88	0.0%			
1.B. Wound Healing	1.B.1. Phases	208	3.48	1.0%	17	3.82	0.0%	109	3.48	0.9%	50	3.47	2.0%	231	3.57	0.0%			
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	208	2.85	4.8%	17	3.25	5.9%	109	2.78	3.7%	50	2.89	6.0%	231	3.08	1.7%			
1.B. Wound Healing	1.B.3. Acute vs. chronic	208	3.47	1.0%	17	3.71	0.0%	109	3.56	0.9%	50	3.63	2.0%	231	3.60	0.0%			
<b>2.A. History</b>	-	208	3.67	0.0%	17	3.65	0.0%	109	3.56	0.9%	50	3.63	2.0%	231	3.64	0.9%			
<b>2.B. Physical examination</b>	-	208	3.71	0.5%	17	3.82	0.0%	109	3.64	0.9%	50	3.72	0.0%	231	3.64	0.9%			
<b>2.C. Wound and skin assessment</b>	-	208	3.85	0.5%	17	4.00	0.0%	109	3.85	0.9%	50	3.90	0.0%	231	3.90	0.0%			

Knowledge Topic	Knowledge Subtopic	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>2.D. Pain assessment</b>	-	208	3.42	0.0%	17	3.71	0.0%	109	3.46	0.9%	50	3.62	0.0%	231	3.35	0.0%
<b>2.E. Risk assessment</b>	-	208	3.39	0.5%	17	3.76	0.0%	109	3.40	0.9%	50	3.52	0.0%	231	3.30	0.4%
<b>2.F. Functional assessment</b>	-	208	3.33	0.5%	17	3.59	0.0%	109	3.34	0.9%	50	3.54	0.0%	231	3.28	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	208	3.09	6.7%	17	3.53	0.0%	109	3.08	2.8%	50	2.93	10.0%	231	3.45	2.2%
<b>2.H. Nutrition</b>	-	208	3.29	1.9%	17	3.65	0.0%	109	3.42	2.8%	50	3.44	0.0%	231	3.44	0.4%
<b>3.A. Wound bed preparation/debridement</b>	-	208	3.75	1.9%	17	3.71	0.0%	109	3.69	0.9%	50	3.56	4.0%	231	3.85	1.3%
<b>3.B. Dressings</b>	-	208	3.80	1.0%	17	3.88	0.0%	109	3.76	0.9%	50	3.73	2.0%	231	3.79	0.0%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	208	3.12	8.7%	17	3.25	5.9%	109	3.22	10.1%	50	2.97	24.0%	231	3.35	2.2%
<b>3.D. Topical agents</b>	-	208	3.44	1.4%	17	3.82	0.0%	109	3.50	0.9%	50	3.43	2.0%	231	3.52	0.0%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	208	3.65	1.4%	17	4.00	0.0%	109	3.59	0.9%	50	3.69	2.0%	231	3.79	0.0%
<b>3.F. Nutrition</b>	-	208	3.35	1.9%	17	3.71	0.0%	109	3.32	0.9%	50	3.41	2.0%	231	3.47	0.4%
<b>3.G. Biophysical technologies</b>	-	208	2.80	20.7%	17	3.21	17.6%	109	2.93	21.1%	50	2.65	38.0%	231	2.88	22.9%
3.G. Biophysical technologies	<b>3.G.1. Electrical stimulation</b>	208	2.45	51.0%	17	2.71	58.8%	109	2.56	33.9%	50	2.22	64.0%	231	2.26	60.6%
3.G. Biophysical technologies	3.G.2. Ultrasound	208	2.49	42.8%	17	2.63	52.9%	109	2.49	34.9%	50	2.43	58.0%	231	2.59	43.3%
3.G. Biophysical technologies	<b>3.G.3. Diathermy</b>	208	2.30	68.3%	17	2.80	70.6%	109	2.37	43.1%	50	2.00	70.0%	231	2.09	75.3%
3.G. Biophysical technologies	<b>3.G.4. Laser</b>	208	2.28	67.8%	17	2.50	76.5%	109	2.23	52.3%	50	1.77	74.0%	231	2.14	74.5%
3.G. Biophysical technologies	<b>3.G.5. Ultraviolet C</b>	208	2.40	67.3%	17	2.40	70.6%	109	2.17	50.5%	50	1.85	74.0%	231	2.25	77.1%
<b>3.H. Compression therapy</b>	-	208	3.45	2.9%	17	3.47	0.0%	109	3.33	0.9%	50	3.57	2.0%	231	3.90	0.0%
<b>3.I. Negative pressure wound therapy</b>	-	208	3.67	4.8%	17	3.88	5.9%	109	3.25	2.8%	50	3.53	10.0%	231	3.70	0.9%
<b>3.J. Hyperbaric oxygen therapy</b>	-	208	2.81	52.9%	17	2.78	47.1%	109	2.70	44.0%	50	2.25	52.0%	231	3.12	25.1%

Knowledge Topic	Knowledge Subtopic	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	208	3.80	1.4%	17	4.00	0.0%	109	3.79	0.9%	50	3.73	2.0%	231	3.79	0.4%
<b>3.L. Surgical closure or tissue transfer</b>	-	208	3.01	32.7%	17	3.50	52.9%	109	2.94	34.9%	50	2.48	46.0%	231	2.88	26.8%
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	208	3.20	9.6%	17	3.56	5.9%	109	3.17	7.3%	50	2.96	10.0%	231	3.23	5.6%
<b>4.A. Neuropathy</b>	-	208	3.47	1.0%	17	3.59	0.0%	109	3.44	2.8%	50	3.41	2.0%	231	3.59	0.4%
<b>4.B. Diabetes</b>	-	208	3.60	1.0%	17	3.76	0.0%	109	3.67	1.8%	50	3.65	2.0%	231	3.83	0.0%
<b>4.C. Venous insufficiency</b>	-	208	3.65	1.0%	17	3.76	0.0%	109	3.69	2.8%	50	3.71	2.0%	231	3.84	0.0%
<b>4.D. Ischemia</b>	-	208	3.64	1.0%	17	3.82	0.0%	109	3.64	1.8%	50	3.69	2.0%	231	3.83	0.0%
<b>4.E. Pressure related wounds</b>	-	208	3.74	0.5%	17	3.94	0.0%	109	3.77	0.9%	50	3.76	2.0%	231	3.82	0.0%
<b>4.F. Lymphedema</b>	-	208	3.30	4.3%	17	3.71	0.0%	109	3.34	3.7%	50	3.53	2.0%	231	3.63	0.4%
<b>4.G. Trauma</b>	-	208	3.30	1.9%	17	3.71	0.0%	109	3.25	1.8%	50	3.35	4.0%	231	3.42	0.0%
<b>4.H. Surgical/surgical procedure</b>	-	208	3.26	6.7%	17	3.71	17.6%	109	3.18	11.0%	50	3.08	24.0%	231	3.36	3.9%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	208	3.07	3.8%	17	3.50	5.9%	109	3.11	1.8%	50	3.28	6.0%	231	3.41	0.9%
<b>4.J. Dermatological</b>	-	208	2.90	6.3%	17	3.50	5.9%	109	3.15	3.7%	50	3.23	12.0%	231	3.22	0.4%
<b>4.K. Infectious</b>	-	208	3.39	1.9%	17	3.76	0.0%	109	3.43	0.9%	50	3.53	2.0%	231	3.59	0.4%
<b>4.L. Burns</b>	-	208	3.06	14.9%	17	3.33	11.8%	109	2.93	10.1%	50	2.77	12.0%	231	3.21	6.5%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	208	3.46	1.4%	17	3.76	0.0%	109	3.47	0.9%	50	3.67	2.0%	231	3.67	0.0%
<b>4.N. Pediatric Issues</b>	-	208	2.75	48.6%	17	3.50	76.5%	109	3.05	65.1%	50	2.87	54.0%	231	2.55	41.6%
<b>4.O. Inflammatory</b>	-	208	3.31	1.9%	17	3.53	0.0%	109	3.34	1.8%	50	3.49	2.0%	231	3.47	0.0%
<b>5.A. Documentation/legal concepts</b>	-	208	3.56	0.0%	17	3.65	0.0%	109	3.60	1.8%	50	3.58	0.0%	231	3.43	0.0%

Knowledge Topic	Knowledge Subtopic	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	208	3.42	0.5%	17	3.71	0.0%	109	3.35	0.9%	50	3.55	2.0%	231	3.53	0.0%
<b>5.C. Reimbursement and medical economics</b>	-	208	2.85	10.6%	17	3.25	5.9%	109	3.11	5.5%	50	2.93	12.0%	231	3.04	3.0%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	208	3.27	1.4%	17	3.65	0.0%	109	3.39	0.9%	50	3.37	2.0%	231	3.30	0.4%
<b>5.E. Multidisciplinary teams</b>	-	208	3.44	0.0%	17	3.65	0.0%	109	3.37	2.8%	50	3.52	0.0%	231	3.39	1.7%
<b>5.F. Epidemiology</b>	-	208	2.90	11.5%	17	3.31	5.9%	109	3.04	8.3%	50	3.09	14.0%	231	2.91	6.5%
<b>5.G. Evidence-based practice and research</b>	-	208	3.38	2.4%	17	3.59	0.0%	109	3.45	3.7%	50	3.56	4.0%	231	3.51	1.3%

Table K.5. CWS Importance of Knowledge Topic Ratings by Primary Placement (Cont.)

Knowledge Topic	Knowledge Subtopic	Private Practice			Educational Institution			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1.A. Anatomy and Physiology</b>	-	66	3.61	0.0%	23	3.83	0.0%	18	3.39	0.0%	25	3.63	4.0%	72	3.60	0.0%
1.A. Anatomy and Physiology	1.A.1. Integumentary	66	3.62	0.0%	23	3.83	0.0%	18	3.67	0.0%	25	3.75	4.0%	72	3.65	1.4%
1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	66	3.48	0.0%	23	3.65	0.0%	18	3.28	0.0%	25	3.24	0.0%	72	3.30	1.4%
1.A. Anatomy and Physiology	1.A.3. Vascular	66	3.77	0.0%	23	3.70	0.0%	18	3.50	0.0%	25	3.68	0.0%	72	3.58	1.4%
1.A. Anatomy and Physiology	1.A.4. Neurological	66	3.45	0.0%	23	3.30	0.0%	18	3.29	5.6%	25	3.16	0.0%	72	3.13	1.4%
1.A. Anatomy and Physiology	1.A.5. Lymphatic	66	3.37	1.5%	23	3.35	0.0%	18	3.39	0.0%	25	3.20	0.0%	72	3.04	1.4%
1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	66	3.08	0.0%	23	2.91	0.0%	18	3.00	0.0%	25	2.84	0.0%	72	2.87	1.4%
<b>1.B. Wound Healing</b>	-	66	3.77	0.0%	23	3.83	0.0%	18	3.61	0.0%	25	3.68	0.0%	72	3.83	1.4%
1.B. Wound Healing	1.B.1. Phases	66	3.42	0.0%	23	3.61	0.0%	18	3.56	0.0%	25	3.52	8.0%	72	3.49	1.4%

Knowledge Topic	Knowledge Subtopic	Private Practice			Educational Institution			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	66	2.86	1.5%	23	3.05	8.7%	18	3.17	0.0%	25	2.96	4.0%	72	2.96	5.6%
1.B. Wound Healing	1.B.3. Acute vs. chronic	66	3.45	0.0%	23	3.70	0.0%	18	3.56	0.0%	25	3.44	0.0%	72	3.54	1.4%
<b>2.A. History</b>	-	66	3.56	0.0%	23	3.83	0.0%	18	3.56	0.0%	25	3.64	0.0%	72	3.62	1.4%
<b>2.B. Physical examination</b>	-	66	3.73	0.0%	23	3.91	0.0%	18	3.44	0.0%	25	3.88	0.0%	72	3.65	1.4%
<b>2.C. Wound and skin assessment</b>	-	66	3.80	0.0%	23	3.91	0.0%	18	3.72	0.0%	25	3.88	0.0%	72	3.86	1.4%
<b>2.D. Pain assessment</b>	-	66	3.20	0.0%	23	3.57	0.0%	18	3.29	5.6%	25	3.40	0.0%	72	3.35	1.4%
<b>2.E. Risk assessment</b>	-	66	3.26	0.0%	23	3.61	0.0%	18	3.17	0.0%	25	3.36	0.0%	72	3.25	1.4%
<b>2.F. Functional assessment</b>	-	66	3.15	0.0%	23	3.52	0.0%	18	3.28	0.0%	25	3.42	4.0%	72	3.21	0.0%
<b>2.G. Laboratory/Imaging/Biopsy</b>	-	66	3.17	3.0%	23	3.14	8.7%	18	2.94	11.1%	25	3.40	0.0%	72	3.13	5.6%
<b>2.H. Nutrition</b>	-	66	3.20	1.5%	23	3.55	4.3%	18	3.29	5.6%	25	3.16	0.0%	72	3.31	1.4%
<b>3.A. Wound bed preparation/debridement</b>	-	66	3.71	0.0%	23	3.82	4.3%	18	3.65	5.6%	25	3.78	8.0%	72	3.63	2.8%
<b>3.B. Dressings</b>	-	66	3.68	0.0%	23	3.70	0.0%	18	3.61	0.0%	25	3.44	0.0%	72	3.62	1.4%
<b>3.C. Cellular and/or tissue products for wounds</b>	-	66	3.30	4.5%	23	2.57	8.7%	18	2.88	5.6%	25	3.00	4.0%	72	3.01	5.6%
<b>3.D. Topical agents</b>	-	66	3.36	0.0%	23	3.13	0.0%	18	3.00	5.6%	25	3.46	4.0%	72	3.32	1.4%
<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	66	3.65	0.0%	23	3.59	4.3%	18	3.39	0.0%	25	3.71	4.0%	72	3.69	1.4%
<b>3.F. Nutrition</b>	-	66	3.17	0.0%	23	3.27	4.3%	18	3.18	5.6%	25	3.32	0.0%	72	3.30	1.4%
<b>3.G. Biophysical technologies</b>	-	66	2.65	18.2%	23	2.81	30.4%	18	2.83	33.3%	25	3.00	20.0%	72	2.79	22.2%
3.G. Biophysical technologies	3.G.1. Electrical stimulation	66	2.09	50.0%	23	2.79	39.1%	18	2.70	44.4%	25	2.00	52.0%	72	2.50	47.2%
3.G. Biophysical technologies	3.G.2. Ultrasound	66	2.27	54.5%	23	2.40	34.8%	18	2.67	50.0%	25	2.38	48.0%	72	2.58	50.0%
3.G. Biophysical technologies	3.G.3. Diathermy	66	1.88	63.6%	23	2.60	78.3%	18	2.25	55.6%	25	1.57	72.0%	72	2.25	61.1%

Knowledge Topic	Knowledge Subtopic	Private Practice			Educational Institution			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
3.G. Biophysical technologies	3.G.4. Laser	66	2.08	62.1%	23	2.00	73.9%	18	2.63	55.6%	25	2.00	80.0%	72	2.40	65.3%
3.G. Biophysical technologies	3.G.5. Ultraviolet C	66	2.09	66.7%	23	2.44	60.9%	18	2.56	50.0%	25	1.60	80.0%	72	2.32	65.3%
<b>3.H. Compression therapy</b>	-	66	3.34	3.0%	23	3.48	8.7%	18	3.61	0.0%	25	3.67	16.0%	72	3.49	2.8%
<b>3.I. Negative pressure wound therapy</b>	-	66	3.03	7.6%	23	3.27	4.3%	18	3.06	5.6%	25	3.55	12.0%	72	3.51	6.9%
<b>3.J. Hyperbaric oxygen therapy</b>	-	66	2.52	36.4%	23	2.00	52.2%	18	2.69	11.1%	25	2.46	48.0%	72	3.11	38.9%
<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	66	3.53	3.0%	23	3.86	4.3%	18	3.61	0.0%	25	3.63	4.0%	72	3.64	2.8%
<b>3.L. Surgical closure or tissue transfer</b>	-	66	2.81	28.8%	23	3.00	39.1%	18	2.89	0.0%	25	2.93	40.0%	72	2.79	27.8%
<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	66	2.90	4.5%	23	3.15	13.0%	18	3.11	0.0%	25	3.10	20.0%	72	3.14	8.3%
<b>4.A. Neuropathy</b>	-	66	3.40	1.5%	23	3.65	0.0%	18	3.33	0.0%	25	3.20	0.0%	72	3.44	1.4%
<b>4.B. Diabetes</b>	-	66	3.66	1.5%	23	3.74	0.0%	18	3.50	0.0%	25	3.60	0.0%	72	3.59	1.4%
<b>4.C. Venous insufficiency</b>	-	66	3.65	1.5%	23	3.78	0.0%	18	3.50	0.0%	25	3.64	0.0%	72	3.68	1.4%
<b>4.D. Ischemia</b>	-	66	3.72	1.5%	23	3.74	0.0%	18	3.50	0.0%	25	3.72	0.0%	72	3.61	1.4%
<b>4.E. Pressure related wounds</b>	-	66	3.66	1.5%	23	3.78	0.0%	18	3.56	0.0%	25	3.63	4.0%	72	3.59	1.4%
<b>4.F. Lymphedema</b>	-	66	3.32	1.5%	23	3.36	4.3%	18	3.50	0.0%	25	3.12	0.0%	72	3.31	2.8%
<b>4.G. Trauma</b>	-	66	3.19	3.0%	23	3.55	4.3%	18	3.33	0.0%	25	3.00	0.0%	72	3.23	2.8%
<b>4.H. Surgical/surgical procedure</b>	-	66	3.00	6.1%	23	3.29	8.7%	18	3.24	5.6%	25	3.13	8.0%	72	3.25	15.3%
<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	66	3.06	0.0%	23	2.91	4.3%	18	3.11	0.0%	25	3.04	8.0%	72	3.10	4.2%
<b>4.J. Dermatological</b>	-	66	3.31	1.5%	23	2.87	0.0%	18	3.06	0.0%	25	3.10	16.0%	72	3.07	2.8%
<b>4.K. Infectious</b>	-	66	3.53	0.0%	23	3.17	0.0%	18	3.11	0.0%	25	3.56	0.0%	72	3.37	1.4%

Knowledge Topic	Knowledge Subtopic	Private Practice			Educational Institution			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4.L. Burns</b>	-	66	3.05	10.6%	23	3.19	8.7%	18	3.11	0.0%	25	2.86	12.0%	72	2.89	13.9%
<b>4.M. Edema (i.e., systemic vs. local)</b>	-	66	3.36	0.0%	23	3.59	4.3%	18	3.33	0.0%	25	3.28	0.0%	72	3.46	1.4%
<b>4.N. Pediatric Issues</b>	-	66	2.42	45.5%	23	2.75	47.8%	18	2.57	22.2%	25	2.75	68.0%	72	2.77	45.8%
<b>4.O. Inflammatory</b>	-	66	3.15	1.5%	23	2.87	0.0%	18	3.17	0.0%	25	3.40	0.0%	72	3.13	2.8%
<b>5.A. Documentation/legal concepts</b>	-	66	3.47	3.0%	23	3.52	0.0%	18	3.00	0.0%	25	3.54	4.0%	72	3.21	2.8%
<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	66	3.35	1.5%	23	3.43	0.0%	18	3.28	0.0%	25	3.40	0.0%	72	3.30	1.4%
<b>5.C. Reimbursement and medical economics</b>	-	66	2.97	7.6%	23	2.76	8.7%	18	3.24	5.6%	25	2.29	32.0%	72	2.85	5.6%
<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	66	3.20	1.5%	23	3.27	4.3%	18	3.39	0.0%	25	3.16	0.0%	72	3.07	1.4%
<b>5.E. Multidisciplinary teams</b>	-	66	3.25	3.0%	23	3.22	0.0%	18	3.41	5.6%	25	3.38	4.0%	72	3.39	1.4%
<b>5.F. Epidemiology</b>	-	66	2.73	4.5%	23	2.85	13.0%	18	2.89	0.0%	25	2.78	8.0%	72	2.94	9.7%
<b>5.G. Evidence-based practice and research</b>	-	66	3.20	1.5%	23	3.61	0.0%	18	3.67	0.0%	25	3.46	4.0%	72	3.32	1.4%

Table K.6. CWS Task Statement Ratings by Importance

Task Domain	Task	Stats		
		n	Mean Rankings	% Not Part of Practice
History and Physical Examination	S.1. Obtain history of present illness (e.g., wound duration, etiology, previous treatments, medication reconciliation, and comorbidities)	763	3.69	0.79%
History and Physical Examination	S.2. Interpret vital signs	763	3.14	2.88%
History and Physical Examination	S.3. Assess circulatory system	763	3.53	0.92%
History and Physical Examination	S.4. Assess integumentary system	763	3.71	0.26%

Task Domain	Task	Stats		
		n	Mean Rankings	% Not Part of Practice
History and Physical Examination	S.5. Assess musculoskeletal system	763	3.18	1.70%
History and Physical Examination	S.6. Assess neurological system	763	3.09	2.36%
History and Physical Examination	S.7. Assess cardiopulmonary system	763	3.06	4.46%
History and Physical Examination	S.8. Assess limb volume	763	3.07	14.42%
History and Physical Examination	S.9. Assess pain level	763	3.32	0.39%
History and Physical Examination	S.10. Assess tissue oxygenation	763	3.24	12.45%
Evaluation and Diagnosis	S.11. Assess wound healing status	762	3.79	0.39%
Evaluation and Diagnosis	S.12. Assess factors related to delayed wound healing	762	3.78	0.52%
Evaluation and Diagnosis	S.13. Assess barriers to the plan of care and expected outcomes (e.g., psychosocial, financial, religious/cultural)	762	3.48	0.26%
Evaluation and Diagnosis	S.14. Assess wound characteristics	762	3.78	0.52%
Evaluation and Diagnosis	S.15. Evaluate wounds using the following standardized grading systems: Wagner scale	762	3.05	11.94%
Evaluation and Diagnosis	S.16. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	762	2.70	44.62%
Evaluation and Diagnosis	S.17. Evaluate wounds using the following standardized grading systems: National Pressure Injury Advisory Panel (NPIAP) (e.g., stages, unstageable, deep tissue injuries)	762	3.54	3.67%
Evaluation and Diagnosis	S.18. Evaluate wounds using the following standardized grading systems: Rule of Nines	762	2.78	31.63%
Evaluation and Diagnosis	S.19. Evaluate wounds using the following standardized grading systems: CEAP classification	762	2.68	39.50%
Evaluation and Diagnosis	S.20. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	762	2.65	53.02%
Evaluation and Diagnosis	S.21. Perform risk assessment	762	3.23	2.76%
Evaluation and Diagnosis	S.22. Review or interpret laboratory, imaging, and test results	762	3.20	5.25%
Evaluation and Diagnosis	S.23. Determine the etiology of the wound	762	3.58	1.71%
Treatment	S.24. Establish realistic goals	762	3.47	0.79%

Task Domain	Task	Stats		
		n	Mean Rankings	% Not Part of Practice
Treatment	S.25. Perform techniques to cleanse the wound and reduce bioburden	762	3.73	1.18%
Treatment	S.26. Debride the wound	762	3.68	5.38%
Treatment	S.27. Apply dressings to the wound	762	3.76	1.31%
Treatment	S.28. Manage at-risk skin and periwound	762	3.68	0.52%
Treatment	S.29. Apply compression therapy	762	3.57	2.89%
Treatment	S.30. Use advanced therapeutic adjunctive treatments (e.g., negative pressure wound therapy, ultrasound, hyperbaric oxygen)	762	3.36	6.96%
Treatment	S.31. Apply offloading device for the lower extremity	762	3.55	4.33%
Treatment	S.32. Use support surface for pressure relief/reduction	762	3.56	3.15%
Treatment	S.33. Address the nutritional needs of the patient	762	3.30	3.67%
Treatment	S.34. Assist with or apply cellular and/or tissue products	762	2.99	29.13%
Treatment	S.35. Assist with or apply tissue grafts and flaps	762	2.84	48.16%
Treatment	S.36. Manage cellular and/or tissue products	762	2.90	29.92%
Treatment	S.37. Manage tissue grafts and flaps	762	2.93	26.51%
Treatment	S.38. Use advanced topical therapeutic agents (e.g., becaplermin, collagenase)	762	3.15	6.30%
Continuum of Care	S.39. Discuss and review the plan of care	765	3.47	0.26%
Continuum of Care	S.40. Educate patient/family/caregiver on disease management and prevention	765	3.64	0.26%
Continuum of Care	S.41. Monitor laboratory values	765	3.01	3.66%
Continuum of Care	S.42. Refer patients to consultants/specialist	765	3.27	3.40%
Continuum of Care	S.43. Educate on wound healing environment	765	3.54	0.39%
Professional Practice	S.44. Interpret research methodology and strength of evidence	765	2.74	14.77%
Professional Practice	S.45. Follow confidentiality and security requirements	765	3.53	0.78%
Professional Practice	S.46. Adhere to guidelines and regulations (e.g., professional, governmental, reimbursement, credentials)	765	3.50	1.57%
Professional Practice	S.47. Perform complete wound care documentation	765	3.75	0.65%

Table K.7. CWS Importance of Tasks by Designation

Task Domain	Task	Doctor of Medicine (MD)			Doctor of Osteopathy (DO)			Doctor of Podiatric Medicine (DPM)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist (OT)		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
History and Physical Examination	S.1. Obtain history of present illness (e.g., wound duration, etiology, previous treatments, medication reconciliation, and comorbidities)	6	3.67	0.0%	3	3.67	0.0%	23	3.61	0.0%	8	4.00	0.0%	164	3.75	0.6%	4	3.33	25.0%
History and Physical Examination	S.2. Interpret vital signs	6	2.83	0.0%	3	3.67	0.0%	23	3.04	0.0%	8	3.50	0.0%	164	3.34	2.4%	4	2.00	25.0%
History and Physical Examination	S.3. Assess circulatory system	6	3.60	16.7%	3	4.00	0.0%	23	3.78	0.0%	8	3.88	0.0%	164	3.72	0.0%	4	2.33	25.0%
History and Physical Examination	S.4. Assess integumentary system	6	3.67	0.0%	3	4.00	0.0%	23	3.70	0.0%	8	3.88	0.0%	164	3.75	0.0%	4	3.25	0.0%
History and Physical Examination	S.5. Assess musculoskeletal system	6	2.67	0.0%	3	3.67	0.0%	23	3.39	0.0%	8	3.43	12.5%	164	3.30	1.8%	4	2.50	0.0%
History and Physical Examination	S.6. Assess neurological system	6	3.40	16.7%	3	3.67	0.0%	23	3.35	0.0%	8	3.00	12.5%	164	3.29	2.4%	4	1.67	25.0%
History and Physical Examination	S.7. Assess cardiopulmonary system	6	3.00	16.7%	3	3.67	0.0%	23	2.90	8.7%	8	3.29	12.5%	164	3.27	3.0%	4	2.00	50.0%
History and Physical Examination	S.8. Assess limb volume	6	3.20	16.7%	3	3.67	0.0%	23	2.59	4.3%	8	3.33	25.0%	164	3.21	11.0%	4	3.25	0.0%
History and Physical Examination	S.9. Assess pain level	6	3.00	16.7%	3	3.33	0.0%	23	2.83	0.0%	8	4.00	0.0%	164	3.36	0.0%	4	3.25	0.0%
History and Physical Examination	S.10. Assess tissue oxygenation	6	3.20	16.7%	3	3.00	0.0%	23	3.05	8.7%	8	3.86	12.5%	164	3.40	6.1%	4	3.00	75.0%
Evaluation and Diagnosis	S.11. Assess wound healing status	6	3.67	0.0%	3	4.00	0.0%	23	3.65	0.0%	8	4.00	0.0%	164	3.77	0.6%	4	3.50	0.0%
Evaluation and Diagnosis	S.12. Assess factors related to delayed wound healing	6	3.67	0.0%	3	4.00	0.0%	23	3.70	0.0%	8	4.00	0.0%	164	3.73	0.6%	4	3.00	0.0%
Evaluation and Diagnosis	S.13. Assess barriers to the plan of care and expected outcomes	6	3.00	0.0%	3	3.67	0.0%	23	3.26	0.0%	8	3.75	0.0%	164	3.46	0.0%	4	3.50	0.0%

Task Domain	Task	Doctor of Medicine (MD)			Doctor of Osteopathy (DO)			Doctor of Podiatric Medicine (DPM)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist (OT)		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
	(e.g., psychosocial, financial, religious/cultural)																		
Evaluation and Diagnosis	S.14. Assess wound characteristics	6	3.67	0.0%	3	4.00	0.0%	23	3.61	0.0%	8	4.00	0.0%	164	3.69	0.6%	4	3.50	0.0%
Evaluation and Diagnosis	S.15. Evaluate wounds using the following standardized grading systems: Wagner scale	6	3.17	0.0%	3	3.33	0.0%	23	3.22	0.0%	8	3.25	0.0%	164	3.08	9.8%	4	2.33	25.0%
Evaluation and Diagnosis	S.16. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	6	2.83	0.0%	3	2.67	0.0%	23	2.56	21.7%	8	3.33	25.0%	164	2.77	36.0%	4	2.00	25.0%
Evaluation and Diagnosis	S.17. Evaluate wounds using the following standardized grading systems: National Pressure Injury Advisory Panel (NPIAP) (e.g., stages, unstageable, deep tissue injuries)	6	3.17	0.0%	3	4.00	0.0%	23	2.90	8.7%	8	4.00	0.0%	164	3.58	4.3%	4	2.50	0.0%
Evaluation and Diagnosis	S.18. Evaluate wounds using the following standardized grading systems: Rule of Nines	6	3.00	0.0%	3	3.67	0.0%	23	2.79	39.1%	8	3.00	25.0%	164	2.92	28.0%	4	1.50	0.0%
Evaluation and Diagnosis	S.19. Evaluate wounds using the following standardized grading systems: CEAP classification	6	2.83	0.0%	3	3.00	0.0%	23	2.57	39.1%	8	3.14	12.5%	164	2.90	29.9%	4	2.50	50.0%
Evaluation and Diagnosis	S.20. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	6	2.67	0.0%	3	3.67	0.0%	23	3.00	39.1%	8	3.50	25.0%	164	2.77	37.2%	4	1.50	50.0%
Evaluation and Diagnosis	S.21. Perform risk assessment	6	2.67	0.0%	3	4.00	0.0%	23	3.17	0.0%	8	3.75	0.0%	164	3.25	1.2%	4	2.33	25.0%
Evaluation and Diagnosis	S.22. Review or interpret laboratory, imaging, and test results	6	3.33	0.0%	3	3.67	0.0%	23	3.52	0.0%	8	3.43	12.5%	164	3.49	0.6%	4	1.33	25.0%
Evaluation and Diagnosis	S.23. Determine the etiology of the wound	6	3.50	0.0%	3	3.67	0.0%	23	3.52	0.0%	8	4.00	12.5%	164	3.61	0.6%	4	3.00	0.0%
Treatment	S.24. Establish realistic goals	6	3.50	0.0%	3	3.67	0.0%	23	3.00	0.0%	8	3.63	0.0%	164	3.48	0.0%	4	3.25	0.0%
Treatment	S.25. Perform techniques to cleanse the wound and reduce bioburden	6	3.33	0.0%	3	4.00	0.0%	23	3.48	0.0%	8	4.00	0.0%	164	3.63	2.4%	4	3.50	0.0%
Treatment	S.26. Debride the wound	6	3.50	0.0%	3	4.00	0.0%	23	3.61	0.0%	8	4.00	25.0%	164	3.67	5.5%	4	3.67	25.0%
Treatment	S.27. Apply dressings to the wound	6	3.33	0.0%	3	4.00	0.0%	23	3.52	0.0%	8	4.00	0.0%	164	3.63	3.7%	4	3.75	0.0%

Task Domain	Task	Doctor of Medicine (MD)			Doctor of Osteopathy (DO)			Doctor of Podiatric Medicine (DPM)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist (OT)		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment	S.28. Manage at-risk skin and periwound	6	3.33	0.0%	3	4.00	0.0%	23	3.35	0.0%	8	4.00	0.0%	164	3.58	0.6%	4	3.75	0.0%
Treatment	S.29. Apply compression therapy	6	3.33	0.0%	3	4.00	0.0%	23	3.22	0.0%	8	3.75	0.0%	164	3.51	6.1%	4	4.00	0.0%
Treatment	S.30. Use advanced therapeutic adjunctive treatments (e.g., negative pressure wound therapy, ultrasound, hyperbaric oxygen)	6	3.40	16.7%	3	3.67	0.0%	23	3.09	4.3%	8	3.88	0.0%	164	3.27	8.5%	4	3.33	25.0%
Treatment	S.31. Apply offloading device for the lower extremity	6	3.50	0.0%	3	4.00	0.0%	23	3.61	0.0%	8	3.88	0.0%	164	3.52	6.7%	4	2.25	0.0%
Treatment	S.32. Use support surface for pressure relief/reduction	6	3.50	0.0%	3	4.00	0.0%	23	3.14	4.3%	8	3.88	0.0%	164	3.59	3.0%	4	2.75	0.0%
Treatment	S.33. Address the nutritional needs of the patient	6	2.83	0.0%	3	4.00	0.0%	23	2.96	0.0%	8	3.88	0.0%	164	3.37	0.6%	4	2.75	0.0%
Treatment	S.34. Assist with or apply cellular and/or tissue products	6	3.33	0.0%	3	3.00	0.0%	23	3.04	0.0%	8	3.33	25.0%	164	3.14	28.0%	4	2.50	50.0%
Treatment	S.35. Assist with or apply tissue grafts and flaps	6	2.40	16.7%	3	3.00	0.0%	23	2.80	13.0%	8	3.00	25.0%	164	3.04	48.2%	4	3.00	75.0%
Treatment	S.36. Manage cellular and/or tissue products	6	2.83	0.0%	3	3.00	0.0%	23	2.87	0.0%	8	3.40	37.5%	164	3.02	26.8%	4		100.0%
Treatment	S.37. Manage tissue grafts and flaps	6	2.40	16.7%	3	3.33	0.0%	23	2.75	13.0%	8	3.38	0.0%	164	2.93	28.0%	4	2.00	75.0%
Treatment	S.38. Use advanced topical therapeutic agents (e.g., becaplermin, collagenase)	6	2.83	0.0%	3	3.33	0.0%	23	3.00	0.0%	8	3.75	0.0%	164	3.25	5.5%	4	2.00	75.0%
Continuum of Care	S.39. Discuss and review the plan of care	6	3.17	0.0%	3	4.00	0.0%	23	3.22	0.0%	8	4.00	0.0%	164	3.43	0.0%	4	3.75	0.0%
Continuum of Care	S.40. Educate patient/family/caregiver on disease management and prevention	6	3.00	0.0%	3	4.00	0.0%	23	3.39	0.0%	8	4.00	0.0%	164	3.60	0.0%	4	3.25	0.0%
Continuum of Care	S.41. Monitor laboratory values	6	2.50	0.0%	3	3.67	0.0%	23	3.04	0.0%	8	3.50	0.0%	164	3.27	2.4%	4	1.33	25.0%
Continuum of Care	S.42. Refer patients to consultants/specialist	6	3.00	0.0%	3	3.33	0.0%	23	3.30	0.0%	8	3.75	0.0%	164	3.36	1.8%	4	2.33	25.0%
Continuum of Care	S.43. Educate on wound healing environment	6	3.17	0.0%	3	3.33	0.0%	23	2.96	0.0%	8	4.00	0.0%	164	3.49	0.6%	4	3.00	0.0%
Professional Practice	S.44. Interpret research methodology and strength of evidence	6	2.33	0.0%	3	3.33	0.0%	23	2.43	0.0%	8	2.67	25.0%	164	2.94	6.7%	4	2.50	50.0%
Professional Practice	S.45. Follow confidentiality and security requirements	6	2.67	0.0%	3	4.00	0.0%	23	2.91	0.0%	8	3.75	0.0%	164	3.49	0.0%	4	3.00	0.0%
Professional Practice	S.46. Adhere to guidelines and regulations (e.g., professional, governmental, reimbursement, credentials)	6	2.83	0.0%	3	4.00	0.0%	23	2.91	0.0%	8	3.75	0.0%	164	3.39	0.6%	4	3.00	0.0%

Task Domain	Task	Doctor of Medicine (MD)			Doctor of Osteopathy (DO)			Doctor of Podiatric Medicine (DPM)			Licensed Practical Nurse or Licensed Vocational Nurse (LPN/LVN)			Advanced Practice Nurse (NP, CNS)			Occupational Therapist (OT)		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Professional Practice	S.47. Perform complete wound care documentation	6	3.67	0.0%	3	4.00	0.0%	23	3.39	0.0%	8	3.75	0.0%	164	3.68	1.8%	4	3.50	0.0%

Table K.7. CWS Importance of Tasks by Designation (Cont.)

Task Domain	Task	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
History and Physical Examination	S.1. Obtain history of present illness (e.g., wound duration, etiology, previous treatments, medication reconciliation, and comorbidities)	210	3.77	0.5%	4	3.00	0.0%	25	3.72	0.0%	1	4.00	0.0%	296	3.63	1.0%	3	3.67	0.0%	16	3.50	0.0%
History and Physical Examination	S.2. Interpret vital signs	210	3.11	2.9%	4	2.50	0.0%	25	3.20	0.0%	1	4.00	0.0%	296	3.06	3.7%	3	3.33	0.0%	16	3.00	0.0%
History and Physical Examination	S.3. Assess circulatory system	210	3.43	1.0%	4	2.75	0.0%	25	3.72	0.0%	1	4.00	0.0%	296	3.48	1.0%	3	3.33	0.0%	16	3.44	0.0%
History and Physical Examination	S.4. Assess integumentary system	210	3.75	0.0%	4	3.00	0.0%	25	3.68	0.0%	1	4.00	0.0%	296	3.67	0.7%	3	3.33	0.0%	16	3.56	0.0%
History and Physical Examination	S.5. Assess musculoskeletal system	210	3.18	0.5%	4	2.75	0.0%	25	3.16	0.0%	1	4.00	0.0%	296	3.11	2.7%	3	3.33	0.0%	16	3.00	0.0%
History and Physical Examination	S.6. Assess neurological system	210	2.98	0.5%	4	2.50	0.0%	25	3.16	0.0%	1	2.00	0.0%	296	3.07	3.4%	3	3.33	0.0%	16	2.94	0.0%
History and Physical Examination	S.7. Assess cardiopulmonary system	210	2.95	3.8%	4	2.75	0.0%	25	2.96	0.0%	1	2.00	0.0%	296	3.07	5.1%	3	3.00	0.0%	16	2.88	0.0%
History and Physical Examination	S.8. Assess limb volume	210	3.02	11.4%	4	2.00	0.0%	25	2.78	28.0%	1	2.00	0.0%	296	3.10	18.6%	3	2.00	33.3%	16	3.13	6.3%

Task Domain	Task	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
History and Physical Examination	S.9. Assess pain level	210	3.31	0.0%	4	2.25	0.0%	25	2.96	0.0%	1	4.00	0.0%	296	3.36	0.7%	3	3.33	0.0%	16	3.44	0.0%
History and Physical Examination	S.10. Assess tissue oxygenation	210	3.04	20.0%	4	2.75	0.0%	25	3.20	20.0%	1	4.00	0.0%	296	3.28	10.5%	3	3.33	0.0%	16	3.13	0.0%
Evaluation and Diagnosis	S.11. Assess wound healing status	210	3.81	0.0%	4	3.25	0.0%	25	3.84	0.0%	1	4.00	0.0%	296	3.79	0.3%	3	4.00	0.0%	15	3.79	6.7%
Evaluation and Diagnosis	S.12. Assess factors related to delayed wound healing	210	3.82	0.0%	4	3.25	0.0%	25	3.76	0.0%	1	4.00	0.0%	296	3.80	0.7%	3	4.00	0.0%	15	3.64	6.7%
Evaluation and Diagnosis	S.13. Assess barriers to the plan of care and expected outcomes (e.g., psychosocial, financial, religious/cultural)	210	3.45	0.0%	4	2.50	0.0%	25	3.56	0.0%	1	4.00	0.0%	296	3.54	0.3%	3	3.67	0.0%	15	3.57	6.7%
Evaluation and Diagnosis	S.14. Assess wound characteristics	210	3.82	0.0%	4	3.25	0.0%	25	3.76	0.0%	1	4.00	0.0%	296	3.82	0.7%	3	4.00	0.0%	15	3.71	6.7%
Evaluation and Diagnosis	S.15. Evaluate wounds using the following standardized grading systems: Wagner scale	210	2.78	16.7%	4	2.50	0.0%	25	3.00	12.0%	1		100.0%	296	3.19	11.1%	3	3.00	33.3%	15	3.29	6.7%
Evaluation and Diagnosis	S.16. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	210	2.41	47.6%	4	2.50	0.0%	25	2.80	40.0%	1		100.0%	296	2.88	53.4%	3	3.00	33.3%	15	2.58	20.0%
Evaluation and Diagnosis	S.17. Evaluate wounds using the following standardized grading systems: National Pressure Injury Advisory Panel (NPIAP) (e.g., stages, unstageable, deep tissue injuries)	210	3.45	2.9%	4	3.25	0.0%	25	3.50	12.0%	1		100.0%	296	3.65	2.4%	3	3.00	0.0%	15	3.62	13.3%

Task Domain	Task	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Evaluation and Diagnosis	S.18. Evaluate wounds using the following standardized grading systems: Rule of Nines	210	2.53	31.4%	4	3.25	0.0%	25	2.78	8.0%	1		100.0%	296	2.83	36.8%	3	2.00	0.0%	15	3.56	40.0%
Evaluation and Diagnosis	S.19. Evaluate wounds using the following standardized grading systems: CEAP classification	210	2.35	40.0%	4	2.00	0.0%	25	2.83	28.0%	1		100.0%	296	2.74	48.0%	3	2.50	33.3%	15	3.20	33.3%
Evaluation and Diagnosis	S.20. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	210	2.39	63.8%	4	2.00	0.0%	25	2.69	36.0%	1		100.0%	296	2.63	59.5%	3	2.50	33.3%	15	3.00	60.0%
Evaluation and Diagnosis	S.21. Perform risk assessment	210	3.05	4.8%	4	2.75	0.0%	25	3.17	4.0%	1	4.00	0.0%	296	3.36	2.0%	3	3.00	0.0%	15	3.43	6.7%
Evaluation and Diagnosis	S.22. Review or interpret laboratory, imaging, and test results	210	2.94	6.7%	4	3.00	0.0%	25	3.36	0.0%	1	4.00	0.0%	296	3.17	7.1%	3	3.33	0.0%	15	3.31	13.3%
Evaluation and Diagnosis	S.23. Determine the etiology of the wound	210	3.49	1.0%	4	3.50	0.0%	25	3.60	0.0%	1	4.00	0.0%	296	3.64	2.7%	3	3.67	0.0%	15	3.36	6.7%
Treatment	S.24. Establish realistic goals	210	3.48	0.5%	4	3.25	0.0%	25	3.56	0.0%	1	4.00	0.0%	296	3.52	1.7%	3	3.00	0.0%	15	3.07	0.0%
Treatment	S.25. Perform techniques to cleanse the wound and reduce bioburden	210	3.83	0.0%	4	3.25	0.0%	25	3.83	4.0%	1	4.00	0.0%	296	3.74	1.4%	3	3.33	0.0%	15	3.73	0.0%
Treatment	S.26. Debride the wound	210	3.79	0.0%	4	3.25	0.0%	25	3.87	8.0%	1	4.00	0.0%	296	3.58	9.1%	3	3.67	0.0%	15	3.67	0.0%
Treatment	S.27. Apply dressings to the wound	210	3.80	0.5%	4	3.25	0.0%	25	3.88	0.0%	1	4.00	0.0%	296	3.81	1.0%	3	3.33	0.0%	15	3.80	0.0%
Treatment	S.28. Manage at-risk skin and periwound	210	3.72	0.0%	4	3.25	0.0%	25	3.64	0.0%	1	4.00	0.0%	296	3.73	1.0%	3	3.00	0.0%	15	3.67	0.0%
Treatment	S.29. Apply compression therapy	210	3.51	0.0%	4	3.00	0.0%	25	3.57	8.0%	1	4.00	0.0%	296	3.69	3.4%	3	3.33	0.0%	15	3.27	0.0%
Treatment	S.30. Use advanced therapeutic adjunctive treatments (e.g.,	210	3.27	3.3%	4	3.25	0.0%	25	3.50	12.0%	1	4.00	0.0%	296	3.47	8.4%	3	2.67	0.0%	15	3.36	6.7%

Task Domain	Task	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response			
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	
	negative pressure wound therapy, ultrasound, hyperbaric oxygen)																						
Treatment	S.31. Apply offloading device for the lower extremity	210	3.46	5.7%	4	3.25	0.0%	25	3.52	8.0%	1	4.00	0.0%	296	3.65	2.7%	3	2.67	0.0%	15	3.27	0.0%	
Treatment	S.32. Use support surface for pressure relief/reduction	210	3.47	2.4%	4	2.50	0.0%	25	3.65	8.0%	1	4.00	0.0%	296	3.67	3.4%	3	3.00	0.0%	15	3.36	6.7%	
Treatment	S.33. Address the nutritional needs of the patient	210	3.10	9.0%	4	2.00	0.0%	25	3.44	0.0%	1	2.00	0.0%	296	3.42	2.7%	3	3.00	0.0%	15	3.47	0.0%	
Treatment	S.34. Assist with or apply cellular and/or tissue products	210	2.49	41.4%	4	2.75	0.0%	25	2.79	24.0%	1	4.00	0.0%	296	3.19	25.3%	3	3.00	33.3%	15	3.17	20.0%	
Treatment	S.35. Assist with or apply tissue grafts and flaps	210	2.43	61.9%	4	2.50	50.0%	25	2.73	40.0%	1	4.00	0.0%	296	2.94	43.6%	3	2.00	33.3%	15	3.50	46.7%	
Treatment	S.36. Manage cellular and/or tissue products	210	2.49	39.5%	4	3.33	25.0%	25	2.68	24.0%	1	4.00	0.0%	296	3.08	27.4%	3	2.00	33.3%	15	3.20	33.3%	
Treatment	S.37. Manage tissue grafts and flaps	210	2.75	27.1%	4	3.67	25.0%	25	2.41	32.0%	1	4.00	0.0%	296	3.07	26.4%	3	3.00	0.0%	15	3.20	33.3%	
Treatment	S.38. Use advanced topical therapeutic agents (e.g., becaplermin, collagenase)	210	2.89	6.7%	4	2.25	0.0%	25	2.89	24.0%	1	4.00	0.0%	296	3.32	5.4%	3	3.00	0.0%	15	2.73	0.0%	
Continuum of Care	S.39. Discuss and review the plan of care	210	3.51	0.5%	4	3.25	0.0%	25	3.72	0.0%	1	4.00	0.0%	296	3.44	0.3%	3	3.33	0.0%	18	3.50	0.0%	
Continuum of Care	S.40. Educate patient/family/caregiver on disease management and prevention	210	3.71	0.0%	4	3.25	0.0%	25	3.80	0.0%	1	4.00	0.0%	296	3.62	0.7%	3	3.33	0.0%	18	3.72	0.0%	
Continuum of Care	S.41. Monitor laboratory values	210	2.80	4.8%	4	3.00	0.0%	25	3.32	0.0%	1	4.00	0.0%	296	2.98	4.1%	3	2.67	0.0%	18	3.24	5.6%	
Continuum of Care	S.42. Refer patients to consultants/specialist	210	3.22	3.3%	4	3.00	0.0%	25	3.32	0.0%	1	4.00	0.0%	296	3.26	5.1%	3	3.00	0.0%	18	3.28	0.0%	
Continuum of Care	S.43. Educate on wound healing environment	210	3.58	0.0%	4	3.50	0.0%	25	3.72	0.0%	1	4.00	0.0%	296	3.57	0.7%	3	3.33	0.0%	18	3.67	0.0%	
Professional Practice	S.44. Interpret research methodology	210	2.63	14.3%	4	2.00	0.0%	25	2.71	4.0%	1	2.00	0.0%	296	2.74	22.3%	3	3.00	0.0%	18	2.94	5.6%	

Task Domain	Task	Physical Therapist (PT)			Physical Therapist Assistant (PTA)			Physician's Assistant/Associate (PA)			Registered Dietitian (RD)			Registered Nurse (RN)			Nonclinical (e.g., business, research, sales, educator)			No Response			
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	
	and strength of evidence																						
Professional Practice	S.45. Follow confidentiality and security requirements	210	3.61	0.5%	4	2.50	0.0%	25	3.56	0.0%	1	4.00	0.0%	296	3.57	1.7%	3	4.00	0.0%	18	3.39	0.0%	
Professional Practice	S.46. Adhere to guidelines and regulations (e.g., professional, governmental, reimbursement, credentials)	210	3.58	0.5%	4	3.00	0.0%	25	3.48	0.0%	1	4.00	0.0%	296	3.57	3.4%	3	3.67	0.0%	18	3.56	0.0%	
Professional Practice	S.47. Perform complete wound care documentation	210	3.80	0.0%	4	3.25	0.0%	25	3.68	0.0%	1	4.00	0.0%	296	3.79	0.7%	3	4.00	0.0%	18	3.72	0.0%	

Table K.8. CWS Importance of Tasks by Experience

Task Domain	Task	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
History and Physical Examination	S.1. Obtain history of present illness (e.g., wound duration, etiology, previous treatments, medication reconciliation, and comorbidities)	29	3.76	0.0%	50	3.50	0.0%	165	3.70	1.2%	299	3.66	0.3%	204	3.80	1.5%	16	3.50	0.0%
History and Physical Examination	S.2. Interpret vital signs	29	3.14	3.4%	50	2.93	8.0%	165	3.12	1.2%	299	3.16	4.0%	204	3.17	1.5%	16	3.00	0.0%
History and Physical Examination	S.3. Assess circulatory system	29	3.57	3.4%	50	3.38	0.0%	165	3.60	0.6%	299	3.50	1.3%	204	3.56	0.5%	16	3.44	0.0%
History and Physical Examination	S.4. Assess integumentary system	29	3.62	0.0%	50	3.66	0.0%	165	3.75	0.6%	299	3.68	0.3%	204	3.75	0.0%	16	3.56	0.0%
History and Physical Examination	S.5. Assess musculoskeletal system	29	3.00	0.0%	50	3.08	4.0%	165	3.15	1.8%	299	3.21	2.3%	204	3.22	0.5%	16	3.00	0.0%

Task Domain	Task	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
History and Physical Examination	S.6. Assess neurological system	29	3.04	3.4%	50	2.94	4.0%	165	3.05	1.2%	299	3.11	3.0%	204	3.16	2.0%	16	2.94	0.0%
History and Physical Examination	S.7. Assess cardiopulmonary system	29	3.08	10.3%	50	3.04	4.0%	165	2.98	1.8%	299	3.08	4.7%	204	3.13	5.9%	16	2.88	0.0%
History and Physical Examination	S.8. Assess limb volume	29	3.10	31.0%	50	2.86	12.0%	165	3.09	16.4%	299	3.05	11.4%	204	3.12	16.2%	16	3.13	6.3%
History and Physical Examination	S.9. Assess pain level	29	3.25	3.4%	50	3.40	0.0%	165	3.30	0.6%	299	3.27	0.3%	204	3.39	0.0%	16	3.44	0.0%
History and Physical Examination	S.10. Assess tissue oxygenation	29	3.56	6.9%	50	3.18	12.0%	165	3.21	12.1%	299	3.25	14.7%	204	3.22	11.3%	16	3.13	0.0%
Evaluation and Diagnosis	S.11. Assess wound healing status	29	3.72	0.0%	50	3.76	0.0%	165	3.80	1.2%	299	3.75	0.0%	204	3.84	0.0%	15	3.79	6.7%
Evaluation and Diagnosis	S.12. Assess factors related to delayed wound healing	29	3.72	0.0%	50	3.68	0.0%	165	3.77	1.2%	299	3.76	0.0%	204	3.85	0.5%	15	3.64	6.7%
Evaluation and Diagnosis	S.13. Assess barriers to the plan of care and expected outcomes (e.g., psychosocial, financial, religious/cultural)	29	3.52	0.0%	50	3.36	0.0%	165	3.46	0.6%	299	3.50	0.0%	204	3.50	0.0%	15	3.57	6.7%
Evaluation and Diagnosis	S.14. Assess wound characteristics	29	3.69	0.0%	50	3.74	0.0%	165	3.79	1.2%	299	3.77	0.0%	204	3.83	0.5%	15	3.71	6.7%
Evaluation and Diagnosis	S.15. Evaluate wounds using the following standardized grading systems: Wagner scale	29	3.00	13.8%	50	2.86	14.0%	165	3.08	13.9%	299	3.07	10.4%	204	3.02	12.3%	15	3.29	6.7%
Evaluation and Diagnosis	S.16. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	29	2.81	44.8%	50	2.53	40.0%	165	2.73	48.5%	299	2.72	44.8%	204	2.69	44.1%	15	2.58	20.0%
Evaluation and Diagnosis	S.17. Evaluate wounds using the following standardized grading systems: National Pressure Injury Advisory Panel (NPIAP) (e.g., stages, unstageable, deep tissue injuries)	29	3.31	0.0%	50	3.56	0.0%	165	3.53	7.3%	299	3.56	4.0%	204	3.54	1.0%	15	3.62	13.3%
Evaluation and Diagnosis	S.18. Evaluate wounds using the following standardized grading systems: Rule of Nines	29	2.84	34.5%	50	2.73	26.0%	165	2.85	32.1%	299	2.82	30.8%	204	2.61	32.8%	15	3.56	40.0%

Task Domain	Task	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Evaluation and Diagnosis	S.19. Evaluate wounds using the following standardized grading systems: CEAP classification	29	2.83	37.9%	50	2.53	28.0%	165	2.84	47.9%	299	2.68	38.5%	204	2.56	37.7%	15	3.20	33.3%
Evaluation and Diagnosis	S.20. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	29	2.65	41.4%	50	2.46	48.0%	165	2.66	51.5%	299	2.74	55.5%	204	2.55	52.9%	15	3.00	60.0%
Evaluation and Diagnosis	S.21. Perform risk assessment	29	3.29	3.4%	50	3.16	0.0%	165	3.22	4.2%	299	3.20	1.7%	204	3.29	3.4%	15	3.43	6.7%
Evaluation and Diagnosis	S.22. Review or interpret laboratory, imaging, and test results	29	3.39	3.4%	50	3.16	10.0%	165	3.14	4.2%	299	3.23	4.3%	204	3.19	5.9%	15	3.31	13.3%
Evaluation and Diagnosis	S.23. Determine the etiology of the wound	29	3.66	0.0%	50	3.49	2.0%	165	3.54	1.8%	299	3.56	1.0%	204	3.66	2.5%	15	3.36	6.7%
Treatment	S.24. Establish realistic goals	29	3.59	0.0%	50	3.54	0.0%	165	3.45	1.2%	299	3.46	1.0%	204	3.50	0.5%	15	3.07	0.0%
Treatment	S.25. Perform techniques to cleanse the wound and reduce bioburden	29	3.62	0.0%	50	3.67	2.0%	165	3.70	2.4%	299	3.73	1.0%	204	3.78	0.5%	15	3.73	0.0%
Treatment	S.26. Debride the wound	29	3.69	0.0%	50	3.51	10.0%	165	3.72	9.7%	299	3.65	3.7%	204	3.71	4.4%	15	3.67	0.0%
Treatment	S.27. Apply dressings to the wound	29	3.69	0.0%	50	3.84	2.0%	165	3.78	3.6%	299	3.76	0.3%	204	3.72	1.0%	15	3.80	0.0%
Treatment	S.28. Manage at-risk skin and periwound	29	3.52	0.0%	50	3.78	0.0%	165	3.60	1.2%	299	3.71	0.3%	204	3.69	0.5%	15	3.67	0.0%
Treatment	S.29. Apply compression therapy	29	3.55	0.0%	50	3.42	4.0%	165	3.61	6.1%	299	3.56	1.0%	204	3.61	3.4%	15	3.27	0.0%
Treatment	S.30. Use advanced therapeutic adjunctive treatments (e.g., negative pressure wound therapy, ultrasound, hyperbaric oxygen)	29	3.15	10.3%	50	3.36	10.0%	165	3.37	12.1%	299	3.40	4.7%	204	3.31	4.9%	15	3.36	6.7%
Treatment	S.31. Apply offloading device for the lower extremity	29	3.45	0.0%	50	3.52	0.0%	165	3.57	6.7%	299	3.55	3.0%	204	3.57	6.4%	15	3.27	0.0%
Treatment	S.32. Use support surface for pressure relief/reduction	29	3.45	0.0%	50	3.73	2.0%	165	3.60	5.5%	299	3.55	3.0%	204	3.55	2.0%	15	3.36	6.7%
Treatment	S.33. Address the nutritional needs of the patient	29	3.18	3.4%	50	3.41	2.0%	165	3.23	3.0%	299	3.33	4.3%	204	3.30	3.9%	15	3.47	0.0%
Treatment	S.34. Assist with or apply cellular and/or tissue products	29	2.91	20.7%	50	3.06	34.0%	165	3.03	29.1%	299	2.98	25.8%	204	2.96	34.8%	15	3.17	20.0%
Treatment	S.35. Assist with or apply tissue grafts and flaps	29	2.79	51.7%	50	2.93	42.0%	165	2.92	48.5%	299	2.80	45.8%	204	2.77	52.5%	15	3.50	46.7%
Treatment	S.36. Manage cellular and/or tissue products	29	2.80	31.0%	50	2.85	32.0%	165	2.96	28.5%	299	2.92	27.1%	204	2.84	34.3%	15	3.20	33.3%

Task Domain	Task	1-3 years			4-5 years			6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment	S.37. Manage tissue grafts and flaps	29	2.94	41.4%	50	2.85	22.0%	165	2.91	29.7%	299	2.93	24.1%	204	2.93	26.0%	15	3.20	33.3%
Treatment	S.38. Use advanced topical therapeutic agents (e.g., becaplermin, collagenase)	29	3.04	6.9%	50	3.20	10.0%	165	3.15	9.7%	299	3.18	4.0%	204	3.13	6.4%	15	2.73	0.0%
Continuum of Care	S.39. Discuss and review the plan of care	29	3.62	0.0%	50	3.54	0.0%	165	3.49	1.2%	299	3.42	0.0%	204	3.48	0.0%	18	3.50	0.0%
Continuum of Care	S.40. Educate patient/family/caregiver on disease management and prevention	29	3.66	0.0%	50	3.70	0.0%	165	3.63	0.6%	299	3.59	0.0%	204	3.68	0.5%	18	3.72	0.0%
Continuum of Care	S.41. Monitor laboratory values	29	3.14	3.4%	50	3.09	6.0%	165	2.96	4.8%	299	3.02	4.0%	204	2.99	1.5%	18	3.24	5.6%
Continuum of Care	S.42. Refer patients to consultants/specialist	29	3.34	0.0%	50	3.32	6.0%	165	3.25	5.5%	299	3.30	3.0%	204	3.24	2.5%	18	3.28	0.0%
Continuum of Care	S.43. Educate on wound healing environment	29	3.45	0.0%	50	3.56	0.0%	165	3.55	1.2%	299	3.52	0.0%	204	3.58	0.5%	18	3.67	0.0%
Professional Practice	S.44. Interpret research methodology and strength of evidence	29	2.78	6.9%	50	2.74	16.0%	165	2.73	12.7%	299	2.79	15.4%	204	2.67	17.2%	18	2.94	5.6%
Professional Practice	S.45. Follow confidentiality and security requirements	29	3.59	0.0%	50	3.59	2.0%	165	3.51	0.6%	299	3.55	0.3%	204	3.51	1.5%	18	3.39	0.0%
Professional Practice	S.46. Adhere to guidelines and regulations (e.g., professional, governmental, reimbursement, credentials)	29	3.62	0.0%	50	3.51	2.0%	165	3.38	1.2%	299	3.53	0.7%	204	3.54	3.4%	18	3.56	0.0%
Professional Practice	S.47. Perform complete wound care documentation	29	3.83	0.0%	50	3.78	2.0%	165	3.67	1.8%	299	3.76	0.0%	204	3.78	0.5%	18	3.72	0.0%

Table K.9. CWS Importance of Tasks by Workday Percentage

Task Domain	Task	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
History and Physical Examination	S.1. Obtain history of present illness (e.g., wound duration, etiology, previous treatments, medication reconciliation, and comorbidities)	81	3.73	2.5%	87	3.48	0.0%	64	3.59	1.6%	88	3.79	2.3%	140	3.71	0.7%	287	3.75	0.0%
History and Physical Examination	S.2. Interpret vital signs	81	3.30	2.5%	87	2.97	0.0%	64	3.16	1.6%	88	3.20	4.5%	140	3.16	2.9%	287	3.11	3.8%

Task Domain	Task	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
History and Physical Examination	S.3. Assess circulatory system	81	3.45	1.2%	87	3.25	0.0%	64	3.59	0.0%	88	3.57	4.5%	140	3.55	0.7%	287	3.61	0.3%
History and Physical Examination	S.4. Assess integumentary system	81	3.59	1.2%	87	3.40	0.0%	64	3.69	0.0%	88	3.77	0.0%	140	3.77	0.7%	287	3.79	0.0%
History and Physical Examination	S.5. Assess musculoskeletal system	81	3.31	1.2%	87	3.03	0.0%	64	3.30	0.0%	88	3.22	2.3%	140	3.23	2.9%	287	3.13	2.1%
History and Physical Examination	S.6. Assess neurological system	81	3.21	1.2%	87	2.92	0.0%	64	3.19	0.0%	88	3.24	5.7%	140	3.18	2.9%	287	3.02	2.8%
History and Physical Examination	S.7. Assess cardiopulmonary system	81	3.18	2.5%	87	2.82	2.3%	64	3.25	0.0%	88	3.23	6.8%	140	3.08	4.3%	287	3.01	6.3%
History and Physical Examination	S.8. Assess limb volume	81	2.69	21.0%	87	2.77	13.8%	64	3.13	4.7%	88	3.11	13.6%	140	3.15	17.1%	287	3.19	14.3%
History and Physical Examination	S.9. Assess pain level	81	3.20	1.2%	87	3.11	0.0%	64	3.42	0.0%	88	3.44	1.1%	140	3.35	0.7%	287	3.33	0.0%
History and Physical Examination	S.10. Assess tissue oxygenation	81	2.91	16.0%	87	2.97	16.1%	64	3.34	7.8%	88	3.35	14.8%	140	3.24	12.9%	287	3.35	11.1%
Evaluation and Diagnosis	S.11. Assess wound healing status	81	3.57	2.5%	87	3.60	0.0%	64	3.86	0.0%	88	3.82	0.0%	140	3.84	0.0%	287	3.85	0.0%
Evaluation and Diagnosis	S.12. Assess factors related to delayed wound healing	81	3.59	3.7%	87	3.53	0.0%	64	3.88	0.0%	88	3.83	0.0%	140	3.81	0.0%	287	3.86	0.0%
Evaluation and Diagnosis	S.13. Assess barriers to the plan of care and expected outcomes (e.g., psychosocial, financial, religious/cultural)	81	3.33	1.2%	87	3.29	0.0%	64	3.55	0.0%	88	3.42	0.0%	140	3.51	0.0%	287	3.57	0.0%
Evaluation and Diagnosis	S.14. Assess wound characteristics	81	3.60	3.7%	87	3.53	0.0%	64	3.88	0.0%	88	3.78	0.0%	140	3.87	0.0%	287	3.85	0.0%
Evaluation and Diagnosis	S.15. Evaluate wounds using the following standardized grading systems: Wagner scale	81	2.80	24.7%	87	2.85	9.2%	64	3.07	14.1%	88	3.04	11.4%	140	3.09	10.7%	287	3.14	9.8%
Evaluation and Diagnosis	S.16. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	81	2.45	50.6%	87	2.75	34.5%	64	2.76	34.4%	88	2.88	44.3%	140	2.59	47.1%	287	2.73	48.4%

Task Domain	Task	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Evaluation and Diagnosis	S.17. Evaluate wounds using the following standardized grading systems: National Pressure Injury Advisory Panel (NPIAP) (e.g., stages, unstageable, deep tissue injuries)	81	3.28	11.1%	87	3.27	6.9%	64	3.57	1.6%	88	3.53	3.4%	140	3.59	1.4%	287	3.66	1.7%
Evaluation and Diagnosis	S.18. Evaluate wounds using the following standardized grading systems: Rule of Nines	81	2.50	33.3%	87	2.64	29.9%	64	2.95	32.8%	88	2.77	27.3%	140	2.85	37.1%	287	2.79	29.6%
Evaluation and Diagnosis	S.19. Evaluate wounds using the following standardized grading systems: CEAP classification	81	2.51	44.4%	87	2.52	31.0%	64	2.83	34.4%	88	2.91	39.8%	140	2.52	39.3%	287	2.73	42.2%
Evaluation and Diagnosis	S.20. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	81	2.53	60.5%	87	2.61	43.7%	64	2.79	48.4%	88	2.60	45.5%	140	2.73	57.1%	287	2.63	54.7%
Evaluation and Diagnosis	S.21. Perform risk assessment	81	2.99	1.2%	87	2.90	3.4%	64	3.49	1.6%	88	3.20	1.1%	140	3.32	5.0%	287	3.31	2.4%
Evaluation and Diagnosis	S.22. Review or interpret laboratory, imaging, and test results	81	2.87	6.2%	87	3.02	6.9%	64	3.33	9.4%	88	3.10	5.7%	140	3.23	6.4%	287	3.33	2.4%
Evaluation and Diagnosis	S.23. Determine the etiology of the wound	81	3.34	4.9%	87	3.37	1.1%	64	3.48	3.1%	88	3.63	0.0%	140	3.64	2.9%	287	3.69	0.3%
Treatment	S.24. Establish realistic goals	81	3.32	3.7%	87	3.41	0.0%	64	3.56	0.0%	88	3.50	0.0%	140	3.54	0.7%	287	3.49	0.7%
Treatment	S.25. Perform techniques to cleanse the wound and reduce bioburden	81	3.57	8.6%	87	3.49	0.0%	64	3.75	0.0%	88	3.74	1.1%	140	3.83	0.7%	287	3.79	0.0%
Treatment	S.26. Debride the wound	81	3.51	17.3%	87	3.43	4.6%	64	3.66	3.1%	88	3.76	5.7%	140	3.72	4.3%	287	3.75	3.5%
Treatment	S.27. Apply dressings to the wound	81	3.66	9.9%	87	3.53	0.0%	64	3.75	0.0%	88	3.78	0.0%	140	3.78	0.7%	287	3.83	0.3%
Treatment	S.28. Manage at-risk skin and periwound	81	3.53	3.7%	87	3.43	0.0%	64	3.75	0.0%	88	3.63	0.0%	140	3.76	0.7%	287	3.76	0.0%
Treatment	S.29. Apply compression therapy	81	3.13	13.6%	87	3.32	2.3%	64	3.52	3.1%	88	3.53	1.1%	140	3.67	2.1%	287	3.74	1.0%
Treatment	S.30. Use advanced therapeutic adjunctive treatments (e.g., negative pressure wound therapy, ultrasound, hyperbaric oxygen)	81	2.80	19.8%	87	3.08	8.0%	64	3.09	10.9%	88	3.38	8.0%	140	3.48	5.0%	287	3.56	2.8%
Treatment	S.31. Apply offloading device for the lower extremity	81	3.23	13.6%	87	3.27	1.1%	64	3.43	1.6%	88	3.53	5.7%	140	3.64	3.6%	287	3.71	3.5%
Treatment	S.32. Use support surface for pressure relief/reduction	81	3.34	8.6%	87	3.17	1.1%	64	3.49	1.6%	88	3.54	6.8%	140	3.68	2.9%	287	3.72	1.4%

Task Domain	Task	Less than 10%			10% to 24%			25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment	S.33. Address the nutritional needs of the patient	81	3.08	8.6%	87	2.96	6.9%	64	3.25	1.6%	88	3.24	2.3%	140	3.35	2.9%	287	3.46	2.8%
Treatment	S.34. Assist with or apply cellular and/or tissue products	81	2.52	45.7%	87	2.70	26.4%	64	3.05	40.6%	88	3.29	42.0%	140	3.06	25.7%	287	3.05	20.9%
Treatment	S.35. Assist with or apply tissue grafts and flaps	81	2.53	63.0%	87	2.61	49.4%	64	2.90	53.1%	88	3.15	55.7%	140	2.84	42.1%	287	2.85	43.2%
Treatment	S.36. Manage cellular and/or tissue products	81	2.50	55.6%	87	2.72	31.0%	64	3.00	34.4%	88	3.08	43.2%	140	2.89	25.0%	287	2.96	19.5%
Treatment	S.37. Manage tissue grafts and flaps	81	2.61	45.7%	87	2.69	33.3%	64	3.00	32.8%	88	3.07	35.2%	140	2.98	24.3%	287	2.96	15.7%
Treatment	S.38. Use advanced topical therapeutic agents (e.g., becaplermin, collagenase)	81	2.74	19.8%	87	2.83	5.7%	64	3.28	6.3%	88	3.16	8.0%	140	3.32	5.0%	287	3.24	3.1%
Continuum of Care	S.39. Discuss and review the plan of care	81	3.30	1.2%	87	3.23	0.0%	64	3.64	0.0%	88	3.39	1.1%	140	3.53	0.0%	287	3.54	0.0%
Continuum of Care	S.40. Educate patient/family/caregiver on disease management and prevention	81	3.58	2.5%	87	3.45	0.0%	64	3.69	0.0%	88	3.56	0.0%	140	3.66	0.0%	287	3.71	0.0%
Continuum of Care	S.41. Monitor laboratory values	81	2.85	7.4%	87	2.72	5.7%	64	3.10	1.6%	88	2.89	4.5%	140	3.10	3.6%	287	3.10	2.1%
Continuum of Care	S.42. Refer patients to consultants/specialist	81	3.10	9.9%	87	2.94	5.7%	64	3.31	0.0%	88	3.21	4.5%	140	3.29	3.6%	287	3.42	1.4%
Continuum of Care	S.43. Educate on wound healing environment	81	3.42	3.7%	87	3.17	0.0%	64	3.66	0.0%	88	3.42	0.0%	140	3.61	0.0%	287	3.66	0.0%
Professional Practice	S.44. Interpret research methodology and strength of evidence	81	2.64	18.5%	87	2.56	10.3%	64	2.83	7.8%	88	2.88	14.8%	140	2.76	17.1%	287	2.75	16.0%
Professional Practice	S.45. Follow confidentiality and security requirements	81	3.54	1.2%	87	3.33	0.0%	64	3.60	1.6%	88	3.47	1.1%	140	3.60	0.7%	287	3.57	0.7%
Professional Practice	S.46. Adhere to guidelines and regulations (e.g., professional, governmental, reimbursement, credentials)	81	3.41	2.5%	87	3.26	1.1%	64	3.51	1.6%	88	3.58	2.3%	140	3.54	1.4%	287	3.56	1.4%
Professional Practice	S.47. Perform complete wound care documentation	81	3.58	6.2%	87	3.47	0.0%	64	3.86	0.0%	88	3.86	0.0%	140	3.83	0.0%	287	3.78	0.0%

Table K.9. CWS Importance of Tasks by Workday Percentage (Cont.)

Task Domain	Task	Private Practice			Educational Institution			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
History and Physical Examination	S.1. Obtain history of present illness (e.g., wound duration, etiology, previous treatments, medication reconciliation, and comorbidities)	66	3.75	1.5%	23	3.91	0.0%	18	3.53	5.6%	25	3.72	0.0%	16	3.50	0.0%
History and Physical Examination	S.2. Interpret vital signs	66	3.17	1.5%	23	3.52	0.0%	18	3.24	5.6%	25	3.24	0.0%	16	3.00	0.0%
History and Physical Examination	S.3. Assess circulatory system	66	3.69	1.5%	23	3.74	0.0%	18	3.35	5.6%	25	3.68	0.0%	16	3.44	0.0%
History and Physical Examination	S.4. Assess integumentary system	66	3.70	0.0%	23	3.83	0.0%	18	3.59	5.6%	25	3.84	0.0%	16	3.56	0.0%
History and Physical Examination	S.5. Assess musculoskeletal system	66	3.29	0.0%	23	3.52	0.0%	18	3.12	5.6%	25	3.28	0.0%	16	3.00	0.0%
History and Physical Examination	S.6. Assess neurological system	66	3.31	3.0%	23	3.22	0.0%	18	3.12	5.6%	25	3.08	0.0%	16	2.94	0.0%
History and Physical Examination	S.7. Assess cardiopulmonary system	66	3.16	6.1%	23	3.35	0.0%	18	3.06	11.1%	25	3.00	8.0%	16	2.88	0.0%
History and Physical Examination	S.8. Assess limb volume	66	2.74	13.6%	23	3.26	17.4%	18	3.19	11.1%	25	2.89	24.0%	16	3.13	6.3%
History and Physical Examination	S.9. Assess pain level	66	3.11	0.0%	23	3.74	0.0%	18	3.18	5.6%	25	3.24	0.0%	16	3.44	0.0%
History and Physical Examination	S.10. Assess tissue oxygenation	66	3.16	7.6%	23	3.53	17.4%	18	3.35	5.6%	25	3.42	24.0%	16	3.13	0.0%
Evaluation and Diagnosis	S.11. Assess wound healing status	66	3.80	0.0%	23	3.74	0.0%	18	3.67	0.0%	25	3.84	0.0%	15	3.79	6.7%
Evaluation and Diagnosis	S.12. Assess factors related to delayed wound healing	66	3.76	0.0%	23	3.74	0.0%	18	3.67	0.0%	25	3.76	0.0%	15	3.64	6.7%
Evaluation and Diagnosis	S.13. Assess barriers to the plan of care and expected outcomes (e.g., psychosocial, financial, religious/cultural)	66	3.38	0.0%	23	3.52	0.0%	18	3.67	0.0%	25	3.24	0.0%	15	3.57	6.7%
Evaluation and Diagnosis	S.14. Assess wound characteristics	66	3.76	0.0%	23	3.83	0.0%	18	3.67	0.0%	25	3.80	0.0%	15	3.71	6.7%

Task Domain	Task	Private Practice			Educational Institution			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Evaluation and Diagnosis	S.15. Evaluate wounds using the following standardized grading systems: Wagner scale	66	2.95	7.6%	23	3.22	21.7%	18	2.88	11.1%	25	3.05	24.0%	15	3.29	6.7%
Evaluation and Diagnosis	S.16. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	66	2.60	39.4%	23	2.64	39.1%	18	2.83	33.3%	25	2.50	44.0%	15	2.58	20.0%
Evaluation and Diagnosis	S.17. Evaluate wounds using the following standardized grading systems: National Pressure Injury Advisory Panel (NPIAP) (e.g., stages, unstageable, deep tissue injuries)	66	3.11	7.6%	23	3.59	4.3%	18	3.50	0.0%	25	3.15	20.0%	15	3.62	13.3%
Evaluation and Diagnosis	S.18. Evaluate wounds using the following standardized grading systems: Rule of Nines	66	2.57	25.8%	23	2.85	13.0%	18	2.63	11.1%	25	2.65	32.0%	15	3.56	40.0%
Evaluation and Diagnosis	S.19. Evaluate wounds using the following standardized grading systems: CEAP classification	66	2.68	33.3%	23	2.71	39.1%	18	2.86	22.2%	25	2.40	40.0%	15	3.20	33.3%
Evaluation and Diagnosis	S.20. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	66	2.53	45.5%	23	2.90	56.5%	18	2.73	38.9%	25	2.91	56.0%	15	3.00	60.0%
Evaluation and Diagnosis	S.21. Perform risk assessment	66	3.11	1.5%	23	3.27	4.3%	18	3.11	0.0%	25	3.16	0.0%	15	3.43	6.7%
Evaluation and Diagnosis	S.22. Review or interpret laboratory, imaging, and test results	66	3.27	4.5%	23	3.14	4.3%	18	3.06	11.1%	25	3.42	4.0%	15	3.31	13.3%
Evaluation and Diagnosis	S.23. Determine the etiology of the wound	66	3.65	0.0%	23	3.65	0.0%	18	3.53	5.6%	25	3.52	0.0%	15	3.36	6.7%
Treatment	S.24. Establish realistic goals	66	3.37	1.5%	23	3.70	0.0%	18	3.41	5.6%	25	3.24	0.0%	15	3.07	0.0%
Treatment	S.25. Perform techniques to cleanse the wound and reduce bioburden	66	3.72	1.5%	23	3.86	4.3%	18	3.65	5.6%	25	3.52	0.0%	15	3.73	0.0%
Treatment	S.26. Debride the wound	66	3.73	3.0%	23	3.75	13.0%	18	3.50	11.1%	25	3.68	12.0%	15	3.67	0.0%
Treatment	S.27. Apply dressings to the wound	66	3.63	1.5%	23	3.87	0.0%	18	3.65	5.6%	25	3.64	0.0%	15	3.80	0.0%
Treatment	S.28. Manage at-risk skin and periwound	66	3.62	0.0%	23	3.74	0.0%	18	3.53	5.6%	25	3.48	0.0%	15	3.67	0.0%
Treatment	S.29. Apply compression therapy	66	3.41	4.5%	23	3.41	4.3%	18	3.24	5.6%	25	3.54	4.0%	15	3.27	0.0%
Treatment	S.30. Use advanced therapeutic adjunctive treatments (e.g., negative pressure wound therapy, ultrasound, hyperbaric oxygen)	66	3.00	15.2%	23	3.20	13.0%	18	2.93	16.7%	25	3.45	20.0%	15	3.36	6.7%
Treatment	S.31. Apply offloading device for the lower extremity	66	3.44	3.0%	23	3.52	8.7%	18	3.06	5.6%	25	3.52	8.0%	15	3.27	0.0%

Task Domain	Task	Private Practice			Educational Institution			Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment	S.32. Use support surface for pressure relief/reduction	66	3.32	4.5%	23	3.50	4.3%	18	3.41	5.6%	25	3.42	4.0%	15	3.36	6.7%
Treatment	S.33. Address the nutritional needs of the patient	66	3.02	1.5%	23	3.14	4.3%	18	3.18	5.6%	25	3.04	8.0%	15	3.47	0.0%
Treatment	S.34. Assist with or apply cellular and/or tissue products	66	3.04	27.3%	23	2.62	43.5%	18	2.58	33.3%	25	3.05	20.0%	15	3.17	20.0%
Treatment	S.35. Assist with or apply tissue grafts and flaps	66	2.73	54.5%	23	2.83	73.9%	18	2.58	33.3%	25	3.07	40.0%	15	3.50	46.7%
Treatment	S.36. Manage cellular and/or tissue products	66	2.87	31.8%	23	2.92	43.5%	18	2.50	33.3%	25	2.94	32.0%	15	3.20	33.3%
Treatment	S.37. Manage tissue grafts and flaps	66	2.79	50.0%	23	2.93	34.8%	18	2.86	22.2%	25	2.80	20.0%	15	3.20	33.3%
Treatment	S.38. Use advanced topical therapeutic agents (e.g., becaplermin, collagenase)	66	2.77	13.6%	23	3.05	8.7%	18	3.00	16.7%	25	3.14	12.0%	15	2.73	0.0%
Continuum of Care	S.39. Discuss and review the plan of care	66	3.50	0.0%	23	3.57	0.0%	18	3.44	0.0%	25	3.24	0.0%	18	3.50	0.0%
Continuum of Care	S.40. Educate patient/family/caregiver on disease management and prevention	66	3.70	0.0%	23	3.83	0.0%	18	3.33	0.0%	25	3.48	0.0%	18	3.72	0.0%
Continuum of Care	S.41. Monitor laboratory values	66	2.98	1.5%	23	3.14	8.7%	18	2.81	11.1%	25	3.04	8.0%	18	3.24	5.6%
Continuum of Care	S.42. Refer patients to consultants/specialist	66	3.17	0.0%	23	3.41	4.3%	18	3.06	11.1%	25	3.33	4.0%	18	3.28	0.0%
Continuum of Care	S.43. Educate on wound healing environment	66	3.47	0.0%	23	3.61	0.0%	18	3.33	0.0%	25	3.44	0.0%	18	3.67	0.0%
Professional Practice	S.44. Interpret research methodology and strength of evidence	66	2.68	1.5%	23	3.19	8.7%	18	3.00	11.1%	25	2.57	16.0%	18	2.94	5.6%
Professional Practice	S.45. Follow confidentiality and security requirements	66	3.33	0.0%	23	3.48	0.0%	18	3.67	0.0%	25	3.64	0.0%	18	3.39	0.0%
Professional Practice	S.46. Adhere to guidelines and regulations (e.g., professional, governmental, reimbursement, credentials)	66	3.33	0.0%	23	3.39	0.0%	18	3.71	5.6%	25	3.33	4.0%	18	3.56	0.0%
Professional Practice	S.47. Perform complete wound care documentation	66	3.55	0.0%	23	3.61	0.0%	18	3.50	0.0%	25	3.80	0.0%	18	3.72	0.0%

Table K.80. CWS Importance of Tasks by Workday Primary Placement

Task Domain	Task	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
History and Physical Examination	S.1. Obtain history of present illness (e.g., wound duration, etiology, previous treatments, medication reconciliation, and comorbidities)	208	3.63	1.0%	17	3.76	0.0%	109	3.67	1.8%	50	3.70	0.0%	231	3.74	0.0%
History and Physical Examination	S.2. Interpret vital signs	208	3.06	6.3%	17	3.47	0.0%	109	3.26	3.7%	50	3.31	2.0%	231	3.03	0.9%
History and Physical Examination	S.3. Assess circulatory system	208	3.34	1.0%	17	3.65	0.0%	109	3.50	2.8%	50	3.62	0.0%	231	3.63	0.0%
History and Physical Examination	S.4. Assess integumentary system	208	3.67	0.0%	17	3.82	0.0%	109	3.69	0.9%	50	3.72	0.0%	231	3.73	0.0%
History and Physical Examination	S.5. Assess musculoskeletal system	208	3.13	2.9%	17	3.47	0.0%	109	3.30	1.8%	50	3.38	0.0%	231	3.03	1.7%
History and Physical Examination	S.6. Assess neurological system	208	2.99	3.4%	17	3.35	0.0%	109	3.29	3.7%	50	3.18	0.0%	231	3.00	1.7%
History and Physical Examination	S.7. Assess cardiopulmonary system	208	2.94	6.3%	17	3.41	0.0%	109	3.28	3.7%	50	3.34	0.0%	231	2.95	3.9%
History and Physical Examination	S.8. Assess limb volume	208	2.97	14.4%	17	3.60	11.8%	109	3.02	18.3%	50	3.00	16.0%	231	3.23	12.1%
History and Physical Examination	S.9. Assess pain level	208	3.36	0.0%	17	3.65	0.0%	109	3.41	1.8%	50	3.56	0.0%	231	3.19	0.0%
History and Physical Examination	S.10. Assess tissue oxygenation	208	3.16	16.8%	17	3.65	0.0%	109	3.12	10.1%	50	3.14	12.0%	231	3.32	11.7%
Evaluation and Diagnosis	S.11. Assess wound healing status	208	3.77	0.5%	17	3.94	0.0%	109	3.74	0.9%	50	3.78	0.0%	231	3.81	0.0%
Evaluation and Diagnosis	S.12. Assess factors related to delayed wound healing	208	3.71	0.5%	17	3.94	0.0%	109	3.78	0.9%	50	3.86	2.0%	231	3.83	0.0%
Evaluation and Diagnosis	S.13. Assess barriers to the plan of care and expected outcomes (e.g., psychosocial, financial, religious/cultural)	208	3.38	0.0%	17	3.82	0.0%	109	3.53	0.9%	50	3.62	0.0%	231	3.54	0.0%

Task Domain	Task	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Evaluation and Diagnosis	S.14. Assess wound characteristics	208	3.76	0.5%	17	3.94	0.0%	109	3.78	0.9%	50	3.84	2.0%	231	3.79	0.0%
Evaluation and Diagnosis	S.15. Evaluate wounds using the following standardized grading systems: Wagner scale	208	2.95	20.7%	17	3.43	17.6%	109	2.90	9.2%	50	2.86	12.0%	231	3.22	4.3%
Evaluation and Diagnosis	S.16. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	208	2.70	44.7%	17	3.40	41.2%	109	2.81	36.7%	50	2.67	34.0%	231	2.64	55.4%
Evaluation and Diagnosis	S.17. Evaluate wounds using the following standardized grading systems: National Pressure Injury Advisory Panel (NPIAP) (e.g., stages, unstageable, deep tissue injuries)	208	3.60	2.4%	17	3.94	0.0%	109	3.74	0.9%	50	3.58	4.0%	231	3.50	3.0%
Evaluation and Diagnosis	S.18. Evaluate wounds using the following standardized grading systems: Rule of Nines	208	2.78	32.2%	17	3.60	41.2%	109	2.84	32.1%	50	2.72	36.0%	231	2.75	33.8%
Evaluation and Diagnosis	S.19. Evaluate wounds using the following standardized grading systems: CEAP classification	208	2.67	40.9%	17	3.13	52.9%	109	2.65	33.9%	50	2.63	36.0%	231	2.66	44.2%
Evaluation and Diagnosis	S.20. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	208	2.75	57.2%	17	3.14	58.8%	109	2.72	41.3%	50	2.39	44.0%	231	2.52	58.4%
Evaluation and Diagnosis	S.21. Perform risk assessment	208	3.21	3.8%	17	3.94	0.0%	109	3.36	1.8%	50	3.48	0.0%	231	3.13	3.5%
Evaluation and Diagnosis	S.22. Review or interpret laboratory, imaging, and test results	208	3.06	5.8%	17	3.53	0.0%	109	3.26	4.6%	50	3.04	4.0%	231	3.28	5.2%
Evaluation and Diagnosis	S.23. Determine the etiology of the wound	208	3.49	1.9%	17	3.82	0.0%	109	3.54	1.8%	50	3.71	4.0%	231	3.62	1.3%
Treatment	S.24. Establish realistic goals	208	3.47	0.0%	17	3.75	5.9%	109	3.55	1.8%	50	3.63	2.0%	231	3.45	0.0%
Treatment	S.25. Perform techniques to cleanse the wound and reduce bioburden	208	3.72	1.4%	17	3.88	0.0%	109	3.64	1.8%	50	3.84	2.0%	231	3.76	0.0%
Treatment	S.26. Debride the wound	208	3.71	5.8%	17	3.88	0.0%	109	3.49	5.5%	50	3.50	8.0%	231	3.74	3.9%
Treatment	S.27. Apply dressings to the wound	208	3.81	1.4%	17	3.88	0.0%	109	3.72	3.7%	50	3.82	2.0%	231	3.74	0.0%
Treatment	S.28. Manage at-risk skin and periwound	208	3.70	0.5%	17	3.94	0.0%	109	3.66	0.9%	50	3.76	2.0%	231	3.68	0.0%
Treatment	S.29. Apply compression therapy	208	3.49	4.8%	17	3.59	0.0%	109	3.35	3.7%	50	3.65	4.0%	231	3.82	0.0%

Task Domain	Task	Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health			Wound Care Center		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment	S.30. Use advanced therapeutic adjunctive treatments (e.g., negative pressure wound therapy, ultrasound, hyperbaric oxygen)	208	3.39	4.3%	17	3.63	5.9%	109	3.04	9.2%	50	3.33	10.0%	231	3.58	2.6%
Treatment	S.31. Apply offloading device for the lower extremity	208	3.46	6.7%	17	3.88	5.9%	109	3.52	4.6%	50	3.49	2.0%	231	3.72	2.2%
Treatment	S.32. Use support surface for pressure relief/reduction	208	3.54	2.4%	17	4.00	0.0%	109	3.64	1.8%	50	3.61	2.0%	231	3.63	3.9%
Treatment	S.33. Address the nutritional needs of the patient	208	3.17	6.3%	17	3.94	5.9%	109	3.45	2.8%	50	3.49	2.0%	231	3.38	2.2%
Treatment	S.34. Assist with or apply cellular and/or tissue products	208	2.81	38.0%	17	2.86	58.8%	109	2.92	40.4%	50	2.81	48.0%	231	3.18	10.0%
Treatment	S.35. Assist with or apply tissue grafts and flaps	208	2.78	50.0%	17	2.50	64.7%	109	2.77	56.0%	50	2.55	60.0%	231	2.95	36.8%
Treatment	S.36. Manage cellular and/or tissue products	208	2.79	38.0%	17	2.67	29.4%	109	2.87	36.7%	50	2.75	52.0%	231	3.03	12.1%
Treatment	S.37. Manage tissue grafts and flaps	208	2.88	22.1%	17	3.14	17.6%	109	2.96	27.5%	50	2.90	40.0%	231	2.98	20.8%
Treatment	S.38. Use advanced topical therapeutic agents (e.g., becaplermin, collagenase)	208	3.12	8.2%	17	3.41	0.0%	109	3.39	3.7%	50	3.30	6.0%	231	3.15	3.0%
Continuum of Care	S.39. Discuss and review the plan of care	208	3.43	0.5%	17	3.76	0.0%	109	3.43	0.9%	50	3.48	0.0%	231	3.50	0.0%
Continuum of Care	S.40. Educate patient/family/caregiver on disease management and prevention	208	3.59	0.0%	17	3.88	0.0%	109	3.53	0.9%	50	3.69	2.0%	231	3.70	0.0%
Continuum of Care	S.41. Monitor laboratory values	208	2.85	4.3%	17	3.41	0.0%	109	3.11	0.9%	50	2.92	4.0%	231	3.08	3.5%
Continuum of Care	S.42. Refer patients to consultants/specialist	208	3.21	4.3%	17	3.47	0.0%	109	3.29	0.9%	50	3.28	8.0%	231	3.33	3.5%
Continuum of Care	S.43. Educate on wound healing environment	208	3.51	0.5%	17	3.88	0.0%	109	3.54	0.9%	50	3.53	2.0%	231	3.58	0.0%
Professional Practice	S.44. Interpret research methodology and strength of evidence	208	2.71	21.2%	17	3.07	11.8%	109	2.80	12.8%	50	2.77	22.0%	231	2.67	13.9%
Professional Practice	S.45. Follow confidentiality and security requirements	208	3.57	0.5%	17	3.82	0.0%	109	3.51	1.8%	50	3.37	2.0%	231	3.57	0.9%
Professional Practice	S.46. Adhere to guidelines and regulations (e.g., professional, governmental, reimbursement, credentials)	208	3.48	1.9%	17	3.76	0.0%	109	3.57	2.8%	50	3.49	2.0%	231	3.54	0.9%
Professional Practice	S.47. Perform complete wound care documentation	208	3.78	1.0%	17	3.94	0.0%	109	3.81	1.8%	50	3.76	2.0%	231	3.77	0.0%

# Appendix L. CWSP Survey Ratings

Table L.9. CWSP Knowledge Topic Ratings by Importance

Domain	Knowledge Topic	Knowledge Subtopic	Stats		
Name	Name	Name	n	Rating	% Not Part of Practice
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	-	<b>309</b>	<b>3.50</b>	<b>1.0%</b>
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.1. Integumentary	309	3.63	1.3%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.2. Musculoskeletal	309	3.40	1.3%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.3. Vascular	309	3.77	1.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.4. Neurological	309	3.32	1.3%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.5. Lymphatic	309	3.32	1.3%
1. Wound Healing Environment	1.A. Anatomy and Physiology	1.A.6. Other systems (e.g., endocrine, renal, respiratory, immunologic)	309	2.99	4.5%
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	-	<b>309</b>	<b>3.73</b>	<b>0.3%</b>
1. Wound Healing Environment	1.B. Wound Healing	1.B.1. Phases	309	3.37	1.0%
1. Wound Healing Environment	1.B. Wound Healing	1.B.2. Cell function (e.g., signaling proteins, cellular mediators)	309	2.96	2.6%
1. Wound Healing Environment	1.B. Wound Healing	1.B.3. Acute vs. chronic	309	3.47	0.6%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	-	<b>309</b>	<b>3.63</b>	<b>0.6%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	-	<b>309</b>	<b>3.71</b>	<b>1.0%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	-	<b>309</b>	<b>3.84</b>	<b>1.0%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	-	<b>309</b>	<b>3.21</b>	<b>1.0%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	-	<b>309</b>	<b>3.38</b>	<b>1.3%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	-	<b>309</b>	<b>3.33</b>	<b>1.9%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	-	<b>309</b>	<b>3.42</b>	<b>0.3%</b>
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	-	<b>309</b>	<b>3.31</b>	<b>1.6%</b>
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	-	<b>309</b>	<b>3.83</b>	<b>0.6%</b>

Domain	Knowledge Topic	Knowledge Subtopic	Stats		
Name	Name	Name	n	Rating	% Not Part of Practice
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	-	<b>309</b>	<b>3.63</b>	<b>1.0%</b>
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	-	<b>309</b>	<b>3.32</b>	<b>1.9%</b>
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	-	<b>309</b>	<b>3.45</b>	<b>0.6%</b>
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	-	<b>309</b>	<b>3.68</b>	<b>0.6%</b>
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	-	<b>309</b>	<b>3.35</b>	<b>1.3%</b>
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	-	<b>309</b>	<b>2.74</b>	<b>15.2%</b>
3. Patient Management	3.G. Biophysical technologies	3.G.1. Electrical stimulation	309	2.31	49.8%
3. Patient Management	3.G. Biophysical technologies	3.G.2. Ultrasound	309	2.43	42.7%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>3.G.3. Diathermy</b>	<b>309</b>	<b>2.20</b>	<b>57.9%</b>
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>3.G.4. Laser</b>	<b>309</b>	<b>2.16</b>	<b>61.2%</b>
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>3.G.5. Ultraviolet C</b>	<b>309</b>	<b>2.16</b>	<b>63.1%</b>
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	-	<b>309</b>	<b>3.62</b>	<b>1.6%</b>
<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	-	<b>309</b>	<b>3.49</b>	<b>5.2%</b>
<b>3. Patient Management</b>	<b>3.J. Hyperbaric oxygen therapy</b>	-	<b>309</b>	<b>3.07</b>	<b>17.2%</b>
<b>3. Patient Management</b>	<b>3.K. Pressure redistribution (i.e., offloading)</b>	-	<b>309</b>	<b>3.74</b>	<b>1.3%</b>
<b>3. Patient Management</b>	<b>3.L. Surgical closure or tissue transfer</b>	-	<b>309</b>	<b>3.05</b>	<b>15.9%</b>
<b>3. Patient Management</b>	<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	-	<b>309</b>	<b>3.38</b>	<b>1.6%</b>
<b>4. Etiological Considerations</b>	<b>4.A. Neuropathy</b>	-	<b>309</b>	<b>3.51</b>	<b>1.0%</b>
<b>4. Etiological Considerations</b>	<b>4.B. Diabetes</b>	-	<b>309</b>	<b>3.71</b>	<b>1.0%</b>
<b>4. Etiological Considerations</b>	<b>4.C. Venous insufficiency</b>	-	<b>309</b>	<b>3.71</b>	<b>1.0%</b>
<b>4. Etiological Considerations</b>	<b>4.D. Ischemia</b>	-	<b>309</b>	<b>3.78</b>	<b>1.0%</b>
<b>4. Etiological Considerations</b>	<b>4.E. Pressure related wounds</b>	-	<b>309</b>	<b>3.77</b>	<b>1.6%</b>

Domain	Knowledge Topic	Knowledge Subtopic	Stats		
			n	Rating	% Not Part of Practice
Name	Name	Name			
<b>4. Etiological Considerations</b>	<b>4.F. Lymphedema</b>	-	<b>309</b>	<b>3.50</b>	<b>2.9%</b>
<b>4. Etiological Considerations</b>	<b>4.G. Trauma</b>	-	<b>309</b>	<b>3.33</b>	<b>1.3%</b>
<b>4. Etiological Considerations</b>	<b>4.H. Surgical/surgical procedure</b>	-	<b>309</b>	<b>3.39</b>	<b>4.2%</b>
<b>4. Etiological Considerations</b>	<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	-	<b>309</b>	<b>3.35</b>	<b>3.2%</b>
<b>4. Etiological Considerations</b>	<b>4.J. Dermatological</b>	-	<b>309</b>	<b>3.30</b>	<b>1.0%</b>
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	-	<b>309</b>	<b>3.62</b>	<b>0.6%</b>
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	-	<b>309</b>	<b>3.14</b>	<b>5.2%</b>
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	-	<b>309</b>	<b>3.54</b>	<b>1.0%</b>
<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	-	<b>309</b>	<b>2.65</b>	<b>33.7%</b>
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	-	<b>309</b>	<b>3.36</b>	<b>0.6%</b>
<b>5. Professional Issues</b>	<b>5.A. Documentation/legal concepts</b>	-	<b>309</b>	<b>3.33</b>	<b>1.3%</b>
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	-	<b>309</b>	<b>3.41</b>	<b>1.3%</b>
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	-	<b>309</b>	<b>2.91</b>	<b>2.6%</b>
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	-	<b>309</b>	<b>3.31</b>	<b>1.3%</b>
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	-	<b>309</b>	<b>3.32</b>	<b>1.0%</b>
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	-	<b>309</b>	<b>2.82</b>	<b>2.6%</b>
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	-	<b>309</b>	<b>3.31</b>	<b>1.6%</b>

Table L.2. CWSP Importance of Knowledge Topic Ratings by Designation

Domain	Knowledge Topic	Overall			Doctor of Medicine (MD)			Doctor of Osteopathy (DO)		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	<b>309</b>	<b>3.50</b>	<b>1.0%</b>	158	3.39	1.3%	24	3.54	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.63	1.3%	158	3.59	2.5%	24	3.71	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.40	1.3%	158	3.27	2.5%	24	3.42	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.77	1.0%	158	3.70	1.9%	24	3.75	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.32	1.3%	158	3.17	1.9%	24	3.33	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.32	1.3%	158	3.29	2.5%	24	3.63	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	2.99	4.5%	158	2.89	5.7%	24	2.92	0.0%
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	<b>309</b>	<b>3.73</b>	<b>0.3%</b>	158	3.73	0.6%	24	3.83	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	3.37	1.0%	158	3.44	1.3%	24	3.38	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	2.96	2.6%	158	2.98	2.5%	24	3.17	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	3.47	0.6%	158	3.54	0.6%	24	3.48	4.2%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	<b>309</b>	<b>3.63</b>	<b>0.6%</b>	158	3.59	1.3%	24	3.46	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	<b>309</b>	<b>3.71</b>	<b>1.0%</b>	158	3.66	1.9%	24	3.50	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	<b>309</b>	<b>3.84</b>	<b>1.0%</b>	158	3.83	1.9%	24	3.75	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	<b>309</b>	<b>3.21</b>	<b>1.0%</b>	158	3.25	1.9%	24	2.96	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	<b>309</b>	<b>3.38</b>	<b>1.3%</b>	158	3.37	1.9%	24	3.17	4.2%
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	<b>309</b>	<b>3.33</b>	<b>1.9%</b>	158	3.31	2.5%	24	3.13	4.2%
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	<b>309</b>	<b>3.42</b>	<b>0.3%</b>	158	3.34	0.6%	24	3.29	0.0%

Domain	Knowledge Topic	Overall			Doctor of Medicine (MD)			Doctor of Osteopathy (DO)		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	<b>309</b>	<b>3.31</b>	<b>1.6%</b>	158	3.34	1.9%	24	3.33	0.0%
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	<b>309</b>	<b>3.83</b>	<b>0.6%</b>	158	3.83	1.3%	24	3.67	0.0%
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	<b>309</b>	<b>3.63</b>	<b>1.0%</b>	158	3.68	1.9%	24	3.58	0.0%
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	<b>309</b>	<b>3.32</b>	<b>1.9%</b>	158	3.29	3.2%	24	3.17	0.0%
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	<b>309</b>	<b>3.45</b>	<b>0.6%</b>	158	3.49	1.3%	24	3.38	0.0%
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	<b>309</b>	<b>3.68</b>	<b>0.6%</b>	158	3.73	0.6%	24	3.46	0.0%
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	<b>309</b>	<b>3.35</b>	<b>1.3%</b>	158	3.43	1.9%	24	3.46	0.0%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.74</b>	<b>15.2%</b>	158	2.67	16.5%	24	2.89	25.0%
3. Patient Management	3.G. Biophysical technologies	309	2.31	49.8%	158	2.34	55.7%	24	2.14	41.7%
3. Patient Management	3.G. Biophysical technologies	309	2.43	42.7%	158	2.41	44.9%	24	2.50	41.7%
3. Patient Management	3.G. Biophysical technologies	309	2.20	57.9%	158	2.07	61.4%	24	2.08	50.0%
3. Patient Management	3.G. Biophysical technologies	309	2.16	61.2%	158	2.09	63.3%	24	2.00	58.3%
3. Patient Management	3.G. Biophysical technologies	309	2.16	63.1%	158	1.98	63.3%	24	2.20	58.3%
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	<b>309</b>	<b>3.62</b>	<b>1.6%</b>	158	3.70	1.9%	24	3.63	0.0%
<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	<b>309</b>	<b>3.49</b>	<b>5.2%</b>	158	3.56	4.4%	24	3.33	0.0%
<b>3. Patient Management</b>	<b>3.J. Hyperbaric oxygen therapy</b>	<b>309</b>	<b>3.07</b>	<b>17.2%</b>	158	3.20	19.0%	24	3.38	12.5%
<b>3. Patient Management</b>	<b>3.K. Pressure redistribution (i.e., offloading)</b>	<b>309</b>	<b>3.74</b>	<b>1.3%</b>	158	3.75	2.5%	24	3.63	0.0%
<b>3. Patient Management</b>	<b>3.L. Surgical closure or tissue transfer</b>	<b>309</b>	<b>3.05</b>	<b>15.9%</b>	158	2.86	23.4%	24	2.67	25.0%

Domain	Knowledge Topic	Overall			Doctor of Medicine (MD)			Doctor of Osteopathy (DO)		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>3. Patient Management</b>	<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	<b>309</b>	<b>3.38</b>	<b>1.6%</b>	158	3.36	1.9%	24	3.21	0.0%
<b>4. Etiological Considerations</b>	<b>4.A. Neuropathy</b>	<b>309</b>	<b>3.51</b>	<b>1.0%</b>	158	3.50	1.9%	24	3.33	0.0%
<b>4. Etiological Considerations</b>	<b>4.B. Diabetes</b>	<b>309</b>	<b>3.71</b>	<b>1.0%</b>	158	3.71	1.9%	24	3.54	0.0%
<b>4. Etiological Considerations</b>	<b>4.C. Venous insufficiency</b>	<b>309</b>	<b>3.71</b>	<b>1.0%</b>	158	3.77	1.9%	24	3.63	0.0%
<b>4. Etiological Considerations</b>	<b>4.D. Ischemia</b>	<b>309</b>	<b>3.78</b>	<b>1.0%</b>	158	3.81	1.9%	24	3.67	0.0%
<b>4. Etiological Considerations</b>	<b>4.E. Pressure related wounds</b>	<b>309</b>	<b>3.77</b>	<b>1.6%</b>	158	3.81	1.9%	24	3.67	0.0%
<b>4. Etiological Considerations</b>	<b>4.F. Lymphedema</b>	<b>309</b>	<b>3.50</b>	<b>2.9%</b>	158	3.57	3.8%	24	3.58	0.0%
<b>4. Etiological Considerations</b>	<b>4.G. Trauma</b>	<b>309</b>	<b>3.33</b>	<b>1.3%</b>	158	3.36	1.9%	24	3.21	0.0%
<b>4. Etiological Considerations</b>	<b>4.H. Surgical/surgical procedure</b>	<b>309</b>	<b>3.39</b>	<b>4.2%</b>	158	3.34	6.3%	24	3.17	4.2%
<b>4. Etiological Considerations</b>	<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	<b>309</b>	<b>3.35</b>	<b>3.2%</b>	158	3.36	2.5%	24	3.33	0.0%
<b>4. Etiological Considerations</b>	<b>4.J. Dermatological</b>	<b>309</b>	<b>3.30</b>	<b>1.0%</b>	158	3.24	1.3%	24	3.33	0.0%
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	<b>309</b>	<b>3.62</b>	<b>0.6%</b>	158	3.51	1.3%	24	3.58	0.0%
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	<b>309</b>	<b>3.14</b>	<b>5.2%</b>	158	3.18	5.7%	24	3.17	0.0%
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	<b>309</b>	<b>3.54</b>	<b>1.0%</b>	158	3.59	1.9%	24	3.50	0.0%
<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	<b>309</b>	<b>2.65</b>	<b>33.7%</b>	158	2.58	36.7%	24	2.70	16.7%
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	<b>309</b>	<b>3.36</b>	<b>0.6%</b>	158	3.41	1.3%	24	3.29	0.0%
<b>5. Professional Issues</b>	<b>5.A. Documentation/legal concepts</b>	<b>309</b>	<b>3.33</b>	<b>1.3%</b>	158	3.31	0.6%	24	3.38	0.0%

Domain	Knowledge Topic	Overall			Doctor of Medicine (MD)			Doctor of Osteopathy (DO)		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	<b>309</b>	<b>3.41</b>	<b>1.3%</b>	158	3.44	2.5%	24	3.38	0.0%
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	<b>309</b>	<b>2.91</b>	<b>2.6%</b>	158	2.88	2.5%	24	3.29	0.0%
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	<b>309</b>	<b>3.31</b>	<b>1.3%</b>	158	3.26	1.9%	24	3.33	0.0%
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	<b>309</b>	<b>3.32</b>	<b>1.0%</b>	158	3.25	1.9%	24	3.25	0.0%
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	<b>309</b>	<b>2.82</b>	<b>2.6%</b>	158	2.81	2.5%	24	2.92	0.0%
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	<b>309</b>	<b>3.31</b>	<b>1.6%</b>	158	3.41	1.9%	24	3.38	0.0%

Table L.2. CWSP Importance of Knowledge Topic Ratings by Designation (Cont.)

Domain	Knowledge Topic	Doctor of Podiatric Medicine (DPM)			Registered Nurse (RN)			Respiratory Therapist (RT)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	101	3.65	0.0%	1	4.00	0.0%	1	3.00	0.0%	24	3.48	4.2%
1. Wound Healing Environment	1.A. Anatomy and Physiology	101	3.74	0.0%	1	4.00	0.0%	1	2.00	0.0%	24	3.42	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	101	3.67	0.0%	1	4.00	0.0%	1	2.00	0.0%	24	3.08	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	101	3.88	0.0%	1	4.00	0.0%	1	3.00	0.0%	24	3.75	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	101	3.61	0.0%	1	4.00	0.0%	1	1.00	0.0%	24	3.17	4.2%
1. Wound Healing Environment	1.A. Anatomy and Physiology	101	3.31	0.0%	1	4.00	0.0%	1	3.00	0.0%	24	3.21	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	101	3.11	3.0%	1	4.00	0.0%	1		100.0 %	24	3.09	4.2%

Domain	Knowledge Topic	Doctor of Podiatric Medicine (DPM)			Registered Nurse (RN)			Respiratory Therapist (RT)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	101	3.71	0.0%	1	4.00	0.0%	1	4.00	0.0%	24	3.67	0.0%
1. Wound Healing Environment	1.B. Wound Healing	101	3.30	0.0%	1	4.00	0.0%	1		100.0 %	24	3.17	0.0%
1. Wound Healing Environment	1.B. Wound Healing	101	2.97	3.0%	1	3.00	0.0%	1		100.0 %	24	2.54	0.0%
1. Wound Healing Environment	1.B. Wound Healing	101	3.47	0.0%	1	4.00	0.0%	1	2.00	0.0%	24	3.13	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	101	3.73	0.0%	1	4.00	0.0%	1	4.00	0.0%	24	3.63	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	101	3.80	0.0%	1	4.00	0.0%	1	4.00	0.0%	24	3.79	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	101	3.87	0.0%	1	4.00	0.0%	1	4.00	0.0%	24	3.88	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	101	3.22	0.0%	1	4.00	0.0%	1	2.00	0.0%	24	3.13	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	101	3.48	0.0%	1	4.00	0.0%	1	2.00	0.0%	24	3.29	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	101	3.48	1.0%	1	3.00	0.0%	1	1.00	0.0%	24	3.17	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	101	3.59	0.0%	1	3.00	0.0%	1	4.00	0.0%	24	3.33	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	101	3.21	2.0%	1	4.00	0.0%	1	2.00	0.0%	24	3.46	0.0%
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	101	3.87	0.0%	1	4.00	0.0%	1	4.00	0.0%	24	3.83	0.0%
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	101	3.56	0.0%	1	4.00	0.0%	1	4.00	0.0%	24	3.63	0.0%
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	101	3.38	1.0%	1	3.00	0.0%	1	4.00	0.0%	24	3.38	0.0%
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	101	3.42	0.0%	1	4.00	0.0%	1	4.00	0.0%	24	3.42	0.0%
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	101	3.66	0.0%	1	4.00	0.0%	1	3.00	0.0%	24	3.65	4.2%
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	101	3.18	1.0%	1	4.00	0.0%	1	3.00	0.0%	24	3.46	0.0%

Domain	Knowledge Topic	Doctor of Podiatric Medicine (DPM)			Registered Nurse (RN)			Respiratory Therapist (RT)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	101	2.80	11.9 %	1	3.00	0.0%	1	1.00	0.0%	24	2.90	12.5 %
3. Patient Management	3.G. Biophysical technologies	101	2.35	46.5 %	1	2.00	0.0%	1		100.0 %	24	2.19	33.3 %
3. Patient Management	3.G. Biophysical technologies	101	2.39	39.6 %	1	3.00	0.0%	1		100.0 %	24	2.57	41.7 %
3. Patient Management	3.G. Biophysical technologies	101	2.33	57.4 %	1		100.0 %	1		100.0 %	24	2.50	41.7 %
3. Patient Management	3.G. Biophysical technologies	101	2.19	58.4 %	1		100.0 %	1		100.0 %	24	2.60	58.3 %
3. Patient Management	3.G. Biophysical technologies	101	2.34	65.3 %	1		100.0 %	1		100.0 %	24	2.45	54.2 %
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	101	3.56	2.0%	1	3.00	0.0%	1	3.00	0.0%	24	3.42	0.0%
<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	101	3.46	7.9%	1	4.00	0.0%	1	4.00	0.0%	24	3.30	4.2%
3. Patient Management	3.J. Hyperbaric oxygen therapy	101	2.79	15.8 %	1	2.00	0.0%	1	4.00	0.0%	24	3.05	16.7 %
3. Patient Management	3.K. Pressure redistribution (i.e., offloading)	101	3.81	0.0%	1	4.00	0.0%	1	3.00	0.0%	24	3.58	0.0%
3. Patient Management	3.L. Surgical closure or tissue transfer	101	3.35	2.0%	1		100.0 %	1	2.00	0.0%	24	3.10	12.5 %
3. Patient Management	3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)	101	3.47	2.0%	1	3.00	0.0%	1	3.00	0.0%	24	3.33	0.0%
<b>4. Etiological Considerations</b>	<b>4.A. Neuropathy</b>	101	3.66	0.0%	1	4.00	0.0%	1	2.00	0.0%	24	3.21	0.0%
<b>4. Etiological Considerations</b>	<b>4.B. Diabetes</b>	101	3.80	0.0%	1	3.00	0.0%	1	3.00	0.0%	24	3.50	0.0%
<b>4. Etiological Considerations</b>	<b>4.C. Venous insufficiency</b>	101	3.69	0.0%	1	3.00	0.0%	1	4.00	0.0%	24	3.50	0.0%
<b>4. Etiological Considerations</b>	<b>4.D. Ischemia</b>	101	3.83	0.0%	1	3.00	0.0%	1	4.00	0.0%	24	3.54	0.0%
<b>4. Etiological Considerations</b>	<b>4.E. Pressure related wounds</b>	101	3.78	1.0%	1	4.00	0.0%	1	4.00	0.0%	24	3.52	4.2%
<b>4. Etiological Considerations</b>	<b>4.F. Lymphedema</b>	101	3.43	3.0%	1	3.00	0.0%	1	4.00	0.0%	24	3.29	0.0%

Domain	Knowledge Topic	Doctor of Podiatric Medicine (DPM)			Registered Nurse (RN)			Respiratory Therapist (RT)			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4. Etiological Considerations</b>	<b>4.G. Trauma</b>	101	3.35	0.0%	1	4.00	0.0%	1	2.00	0.0%	24	3.17	4.2%
<b>4. Etiological Considerations</b>	<b>4.H. Surgical/surgical procedure</b>	101	3.55	1.0%	1	3.00	0.0%	1	3.00	0.0%	24	3.26	4.2%
<b>4. Etiological Considerations</b>	<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	101	3.41	5.9%	1	3.00	0.0%	1	3.00	0.0%	24	3.08	0.0%
<b>4. Etiological Considerations</b>	<b>4.J. Dermatological</b>	101	3.47	1.0%	1	3.00	0.0%	1	2.00	0.0%	24	3.00	0.0%
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	101	3.83	0.0%	1	3.00	0.0%	1	3.00	0.0%	24	3.54	0.0%
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	101	3.17	5.0%	1	2.00	0.0%	1	3.00	0.0%	24	2.82	8.3%
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	101	3.54	0.0%	1	3.00	0.0%	1	3.00	0.0%	24	3.29	0.0%
<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	101	2.80	31.7 %	1	3.00	0.0%	1		100.0 %	24	2.40	37.5 %
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	101	3.42	0.0%	1	3.00	0.0%	1	2.00	0.0%	24	3.00	0.0%
<b>5. Professional Issues</b>	<b>5.A. Documentation/legal concepts</b>	101	3.42	2.0%	1	3.00	0.0%	1		100.0 %	24	3.13	0.0%
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	101	3.48	0.0%	1	3.00	0.0%	1	2.00	0.0%	24	3.08	0.0%
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	101	2.94	3.0%	1	4.00	0.0%	1		100.0 %	24	2.54	0.0%
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	101	3.41	1.0%	1	4.00	0.0%	1	3.00	0.0%	24	3.13	0.0%
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	101	3.47	0.0%	1	3.00	0.0%	1	2.00	0.0%	24	3.25	0.0%
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	101	2.83	2.0%	1	3.00	0.0%	1		100.0 %	24	2.74	4.2%
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	101	3.21	1.0%	1	4.00	0.0%	1	1.00	0.0%	24	3.04	4.2%

Table L.3. CWSP Importance of Knowledge Topic Ratings by Experience

Domain	Knowledge Topic	Overall			1-3 years			4-5 years			6-10 years		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	<b>309</b>	<b>3.50</b>	<b>1.0%</b>	18	3.47	5.6%	23	3.26	0.0%	66	3.48	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.63	1.3%	18	3.82	5.6%	23	3.32	4.3%	66	3.74	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.40	1.3%	18	3.29	5.6%	23	3.05	4.3%	66	3.45	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.77	1.0%	18	3.59	5.6%	23	3.55	4.3%	66	3.82	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.32	1.3%	18	3.18	5.6%	23	3.05	4.3%	66	3.42	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.32	1.3%	18	3.00	5.6%	23	3.09	4.3%	66	3.42	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	2.99	4.5%	18	3.13	11.1%	23	2.57	8.7%	66	3.03	1.5%
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	<b>309</b>	<b>3.73</b>	<b>0.3%</b>	18	3.67	0.0%	23	3.48	0.0%	66	3.83	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	3.37	1.0%	18	3.33	0.0%	23	3.09	4.3%	66	3.61	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	2.96	2.6%	18	2.71	5.6%	23	2.81	8.7%	66	3.22	1.5%
1. Wound Healing Environment	1.B. Wound Healing	309	3.47	0.6%	18	3.50	0.0%	23	3.09	4.3%	66	3.70	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	<b>309</b>	<b>3.63</b>	<b>0.6%</b>	18	3.47	5.6%	23	3.13	0.0%	66	3.79	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	<b>309</b>	<b>3.71</b>	<b>1.0%</b>	18	3.47	5.6%	23	3.23	4.3%	66	3.82	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	<b>309</b>	<b>3.84</b>	<b>1.0%</b>	18	3.82	5.6%	23	3.59	4.3%	66	3.89	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	<b>309</b>	<b>3.21</b>	<b>1.0%</b>	18	3.06	5.6%	23	2.86	4.3%	66	3.26	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	<b>309</b>	<b>3.38</b>	<b>1.3%</b>	18	3.35	5.6%	23	3.00	4.3%	66	3.44	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	<b>309</b>	<b>3.33</b>	<b>1.9%</b>	18	3.38	11.1%	23	2.95	8.7%	66	3.38	1.5%
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	<b>309</b>	<b>3.42</b>	<b>0.3%</b>	18	3.11	0.0%	23	3.17	0.0%	66	3.41	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	<b>309</b>	<b>3.31</b>	<b>1.6%</b>	18	3.24	5.6%	23	2.95	8.7%	66	3.38	1.5%

Domain	Knowledge Topic	Overall			1-3 years			4-5 years			6-10 years		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	<b>309</b>	<b>3.83</b>	<b>0.6%</b>	18	3.78	0.0%	23	3.65	0.0%	66	3.80	0.0%
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	<b>309</b>	<b>3.63</b>	<b>1.0%</b>	18	3.88	5.6%	23	3.27	4.3%	66	3.76	0.0%
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	<b>309</b>	<b>3.32</b>	<b>1.9%</b>	18	3.38	11.1%	23	2.95	4.3%	66	3.36	0.0%
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	<b>309</b>	<b>3.45</b>	<b>0.6%</b>	18	3.71	5.6%	23	3.22	0.0%	66	3.56	0.0%
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	<b>309</b>	<b>3.68</b>	<b>0.6%</b>	18	3.72	0.0%	23	3.43	0.0%	66	3.82	0.0%
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	<b>309</b>	<b>3.35</b>	<b>1.3%</b>	18	3.47	5.6%	23	2.90	8.7%	66	3.58	0.0%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.74</b>	<b>15.2%</b>	18	2.36	38.9%	23	2.64	4.3%	66	2.89	19.7%
<b>3. Patient Management</b>	3.G. Biophysical technologies	309	2.31	49.8%	18	2.25	55.6%	23	2.00	39.1%	66	2.45	53.0%
<b>3. Patient Management</b>	3.G. Biophysical technologies	309	2.43	42.7%	18	2.60	44.4%	23	2.00	43.5%	66	2.53	45.5%
<b>3. Patient Management</b>	3.G. Biophysical technologies	<b>309</b>	<b>2.20</b>	<b>57.9%</b>	<b>18</b>	<b>1.78</b>	<b>50.0%</b>	<b>23</b>	<b>2.09</b>	<b>52.2%</b>	<b>66</b>	<b>2.17</b>	<b>65.2%</b>
<b>3. Patient Management</b>	3.G. Biophysical technologies	<b>309</b>	<b>2.16</b>	<b>61.2%</b>	<b>18</b>	<b>2.00</b>	<b>61.1%</b>	<b>23</b>	<b>2.09</b>	<b>52.2%</b>	<b>66</b>	<b>2.22</b>	<b>65.2%</b>
<b>3. Patient Management</b>	3.G. Biophysical technologies	<b>309</b>	<b>2.16</b>	<b>63.1%</b>	<b>18</b>	<b>1.86</b>	<b>61.1%</b>	<b>23</b>	<b>2.10</b>	<b>56.5%</b>	<b>66</b>	<b>2.14</b>	<b>66.7%</b>
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	<b>309</b>	<b>3.62</b>	<b>1.6%</b>	18	3.65	5.6%	23	3.36	4.3%	66	3.76	0.0%
<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	<b>309</b>	<b>3.49</b>	<b>5.2%</b>	18	3.31	11.1%	23	3.33	8.7%	66	3.66	1.5%
<b>3. Patient Management</b>	<b>3.J. Hyperbaric oxygen therapy</b>	<b>309</b>	<b>3.07</b>	<b>17.2%</b>	18	3.00	38.9%	23	2.95	13.0%	66	3.13	19.7%
<b>3. Patient Management</b>	<b>3.K. Pressure redistribution (i.e., offloading)</b>	<b>309</b>	<b>3.74</b>	<b>1.3%</b>	18	3.88	5.6%	23	3.50	4.3%	66	3.86	0.0%
<b>3. Patient Management</b>	<b>3.L. Surgical closure or tissue transfer</b>	<b>309</b>	<b>3.05</b>	<b>15.9%</b>	18	2.89	50.0%	23	3.05	17.4%	66	3.09	16.7%
<b>3. Patient Management</b>	<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	<b>309</b>	<b>3.38</b>	<b>1.6%</b>	18	3.35	5.6%	23	3.17	0.0%	66	3.45	1.5%

Domain	Knowledge Topic	Overall			1-3 years			4-5 years			6-10 years		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
4. Etiological Considerations	4.A. Neuropathy	309	3.51	1.0%	18	3.47	5.6%	23	3.32	4.3%	66	3.64	0.0%
4. Etiological Considerations	4.B. Diabetes	309	3.71	1.0%	18	3.71	5.6%	23	3.45	4.3%	66	3.85	0.0%
4. Etiological Considerations	4.C. Venous insufficiency	309	3.71	1.0%	18	3.76	5.6%	23	3.41	4.3%	66	3.85	0.0%
4. Etiological Considerations	4.D. Ischemia	309	3.78	1.0%	18	3.82	5.6%	23	3.41	4.3%	66	3.92	0.0%
4. Etiological Considerations	4.E. Pressure related wounds	309	3.77	1.6%	18	3.94	5.6%	23	3.45	4.3%	66	3.88	0.0%
4. Etiological Considerations	4.F. Lymphedema	309	3.50	2.9%	18	3.35	5.6%	23	3.18	4.3%	66	3.66	1.5%
4. Etiological Considerations	4.G. Trauma	309	3.33	1.3%	18	3.18	5.6%	23	3.14	4.3%	66	3.36	0.0%
4. Etiological Considerations	4.H. Surgical/surgical procedure	309	3.39	4.2%	18	3.31	11.1%	23	3.18	4.3%	66	3.51	7.6%
4. Etiological Considerations	4.I. Atypical etiologies (e.g., malignancy, medication-induced)	309	3.35	3.2%	18	3.38	11.1%	23	3.05	4.3%	66	3.38	0.0%
4. Etiological Considerations	4.J. Dermatological	309	3.30	1.0%	18	3.38	11.1%	23	3.04	0.0%	66	3.39	0.0%
4. Etiological Considerations	4.K. Infectious	309	3.62	0.6%	18	3.47	5.6%	23	3.48	0.0%	66	3.62	0.0%
4. Etiological Considerations	4.L. Burns	309	3.14	5.2%	18	3.43	22.2%	23	3.10	8.7%	66	3.32	1.5%
4. Etiological Considerations	4.M. Edema (i.e., systemic vs. local)	309	3.54	1.0%	18	3.65	5.6%	23	3.23	4.3%	66	3.67	0.0%
4. Etiological Considerations	4.N. Pediatric Issues	309	2.65	33.7%	18	2.33	50.0%	23	2.76	26.1%	66	2.63	37.9%
4. Etiological Considerations	4.O. Inflammatory	309	3.36	0.6%	18	3.47	5.6%	23	3.13	0.0%	66	3.50	0.0%
5. Professional Issues	5.A. Documentation/legal concepts	309	3.33	1.3%	18	3.56	0.0%	23	3.30	0.0%	66	3.47	0.0%
5. Professional Issues	5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)	309	3.41	1.3%	18	3.59	5.6%	23	3.27	4.3%	66	3.56	0.0%
5. Professional Issues	5.C. Reimbursement and medical economics	309	2.91	2.6%	18	3.11	0.0%	23	3.09	0.0%	66	3.05	3.0%
5. Professional Issues	5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)	309	3.31	1.3%	18	3.65	5.6%	23	3.23	4.3%	66	3.48	0.0%

Domain	Knowledge Topic	Overall			1-3 years			4-5 years			6-10 years		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	<b>309</b>	<b>3.32</b>	<b>1.0%</b>	18	3.44	0.0%	23	3.04	0.0%	66	3.47	0.0%
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	<b>309</b>	<b>2.82</b>	<b>2.6%</b>	18	2.89	0.0%	23	2.68	4.3%	66	2.97	3.0%
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	<b>309</b>	<b>3.31</b>	<b>1.6%</b>	18	3.50	0.0%	23	3.23	4.3%	66	3.65	1.5%

Table L.3. CWSP Importance of Knowledge Topic Ratings by Experience (Cont.)

Domain	Knowledge Topic	11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	86	3.56	0.0%	92	3.52	1.1%	24	3.48	4.2%
1. Wound Healing Environment	1.A. Anatomy and Physiology	86	3.69	0.0%	92	3.60	2.2%	24	3.42	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	86	3.48	0.0%	92	3.48	2.2%	24	3.08	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	86	3.78	0.0%	92	3.81	1.1%	24	3.75	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	86	3.23	0.0%	92	3.47	1.1%	24	3.17	4.2%
1. Wound Healing Environment	1.A. Anatomy and Physiology	86	3.33	1.2%	92	3.37	1.1%	24	3.21	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	86	2.91	4.7%	92	3.07	4.3%	24	3.09	4.2%
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	86	3.77	0.0%	92	3.70	1.1%	24	3.67	0.0%
1. Wound Healing Environment	1.B. Wound Healing	86	3.42	1.2%	92	3.26	1.1%	24	3.17	0.0%
1. Wound Healing Environment	1.B. Wound Healing	86	2.96	1.2%	92	2.96	3.3%	24	2.54	0.0%
1. Wound Healing Environment	1.B. Wound Healing	86	3.50	0.0%	92	3.46	1.1%	24	3.13	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	86	3.64	0.0%	92	3.67	1.1%	24	3.63	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	86	3.74	0.0%	92	3.73	1.1%	24	3.79	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	86	3.84	0.0%	92	3.87	1.1%	24	3.88	0.0%

Domain	Knowledge Topic	11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	86	3.17	0.0%	92	3.33	1.1%	24	3.13	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	86	3.40	1.2%	92	3.44	1.1%	24	3.29	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	86	3.33	0.0%	92	3.43	1.1%	24	3.17	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	86	3.42	0.0%	92	3.57	1.1%	24	3.33	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	86	3.29	0.0%	92	3.32	1.1%	24	3.46	0.0%
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	86	3.88	1.2%	92	3.87	1.1%	24	3.83	0.0%
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	86	3.64	0.0%	92	3.58	1.1%	24	3.63	0.0%
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	86	3.34	1.2%	92	3.32	2.2%	24	3.38	0.0%
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	86	3.42	0.0%	92	3.43	1.1%	24	3.42	0.0%
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	86	3.60	0.0%	92	3.70	1.1%	24	3.65	4.2%
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	86	3.30	0.0%	92	3.30	1.1%	24	3.46	0.0%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	86	2.65	16.3%	92	2.77	9.8%	24	2.90	12.5%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	86	2.40	53.5%	92	2.28	50.0%	24	2.19	33.3%
<b>3. Patient Management</b>	3.G. Biophysical technologies	86	2.35	44.2%	92	2.46	39.1%	24	2.57	41.7%
<b>3. Patient Management</b>	3.G. Biophysical technologies	86	2.21	61.6%	92	2.23	56.5%	24	2.50	41.7%
<b>3. Patient Management</b>	3.G. Biophysical technologies	86	2.11	67.4%	92	2.10	55.4%	24	2.60	58.3%
<b>3. Patient Management</b>	3.G. Biophysical technologies	86	2.11	68.6%	92	2.19	59.8%	24	2.45	54.2%
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	86	3.68	1.2%	92	3.58	2.2%	24	3.42	0.0%
<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	86	3.46	4.7%	92	3.52	6.5%	24	3.30	4.2%
<b>3. Patient Management</b>	<b>3.J. Hyperbaric oxygen therapy</b>	86	2.91	22.1%	92	3.19	7.6%	24	3.05	16.7%

Domain	Knowledge Topic	11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>3. Patient Management</b>	<b>3.K. Pressure redistribution (i.e., offloading)</b>	86	3.76	0.0%	92	3.72	2.2%	24	3.58	0.0%
<b>3. Patient Management</b>	<b>3.L. Surgical closure or tissue transfer</b>	86	2.79	16.3%	92	3.25	8.7%	24	3.10	12.5%
<b>3. Patient Management</b>	<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	86	3.24	1.2%	92	3.54	2.2%	24	3.33	0.0%
<b>4. Etiological Considerations</b>	<b>4.A. Neuropathy</b>	86	3.48	0.0%	92	3.59	1.1%	24	3.21	0.0%
<b>4. Etiological Considerations</b>	<b>4.B. Diabetes</b>	86	3.67	0.0%	92	3.75	1.1%	24	3.50	0.0%
<b>4. Etiological Considerations</b>	<b>4.C. Venous insufficiency</b>	86	3.74	0.0%	92	3.69	1.1%	24	3.50	0.0%
<b>4. Etiological Considerations</b>	<b>4.D. Ischemia</b>	86	3.78	0.0%	92	3.82	1.1%	24	3.54	0.0%
<b>4. Etiological Considerations</b>	<b>4.E. Pressure related wounds</b>	86	3.80	0.0%	92	3.76	2.2%	24	3.52	4.2%
<b>4. Etiological Considerations</b>	<b>4.F. Lymphedema</b>	86	3.52	2.3%	92	3.53	4.3%	24	3.29	0.0%
<b>4. Etiological Considerations</b>	<b>4.G. Trauma</b>	86	3.36	0.0%	92	3.38	1.1%	24	3.17	4.2%
<b>4. Etiological Considerations</b>	<b>4.H. Surgical/surgical procedure</b>	86	3.33	2.3%	92	3.47	2.2%	24	3.26	4.2%
<b>4. Etiological Considerations</b>	<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	86	3.42	1.2%	92	3.40	6.5%	24	3.08	0.0%
<b>4. Etiological Considerations</b>	<b>4.J. Dermatological</b>	86	3.30	0.0%	92	3.35	1.1%	24	3.00	0.0%
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	86	3.60	0.0%	92	3.71	1.1%	24	3.54	0.0%
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	86	3.08	3.5%	92	3.11	4.3%	24	2.82	8.3%
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	86	3.57	0.0%	92	3.54	1.1%	24	3.29	0.0%
<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	86	2.53	32.6%	92	2.85	29.3%	24	2.40	37.5%
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	86	3.31	0.0%	92	3.45	1.1%	24	3.00	0.0%
<b>5. Professional Issues</b>	<b>5.A. Documentation/legal concepts</b>	86	3.25	2.3%	92	3.33	2.2%	24	3.13	0.0%

Domain	Knowledge Topic	11-20 years			>20 years			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	86	3.31	1.2%	92	3.49	1.1%	24	3.08	0.0%
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	86	2.85	4.7%	92	2.88	2.2%	24	2.54	0.0%
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	86	3.15	1.2%	92	3.33	1.1%	24	3.13	0.0%
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	86	3.31	1.2%	92	3.28	2.2%	24	3.25	0.0%
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	86	2.80	2.3%	92	2.77	2.2%	24	2.74	4.2%
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	86	3.33	1.2%	92	3.10	1.1%	24	3.04	4.2%

Table L.4. CWSP Importance of Knowledge Topic Ratings by Workday Percentage

Domain	Knowledge Topic	Overall			Less than 10%			10% to 24%			25% to 49%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	<b>309</b>	<b>3.50</b>	<b>1.0%</b>	10	3.40	0.0%	55	3.57	3.6%	53	3.55	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.63	1.3%	10	3.40	0.0%	55	3.67	5.5%	53	3.65	1.9%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.40	1.3%	10	3.70	0.0%	55	3.48	5.5%	53	3.48	1.9%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.77	1.0%	10	3.40	0.0%	55	3.83	5.5%	53	3.79	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.32	1.3%	10	3.50	0.0%	55	3.60	5.5%	53	3.45	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.32	1.3%	10	3.33	10.0%	55	3.38	5.5%	53	3.28	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	2.99	4.5%	10	3.22	10.0%	55	3.16	9.1%	53	3.18	3.8%
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	<b>309</b>	<b>3.73</b>	<b>0.3%</b>	10	3.60	0.0%	55	3.70	1.8%	53	3.60	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	3.37	1.0%	10	3.50	0.0%	55	3.33	1.8%	53	3.36	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	2.96	2.6%	10	3.20	0.0%	55	3.04	3.6%	53	2.98	1.9%

Domain	Knowledge Topic	Overall			Less than 10%			10% to 24%			25% to 49%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
1. Wound Healing Environment	1.B. Wound Healing	309	3.47	0.6%	10	3.60	0.0%	55	3.50	1.8%	53	3.49	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	<b>309</b>	<b>3.63</b>	<b>0.6%</b>	10	3.70	0.0%	55	3.51	3.6%	53	3.57	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	<b>309</b>	<b>3.71</b>	<b>1.0%</b>	10	3.50	0.0%	55	3.79	5.5%	53	3.70	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	<b>309</b>	<b>3.84</b>	<b>1.0%</b>	10	3.60	0.0%	55	3.90	5.5%	53	3.81	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	<b>309</b>	<b>3.21</b>	<b>1.0%</b>	10	3.50	0.0%	55	3.23	5.5%	53	3.23	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	<b>309</b>	<b>3.38</b>	<b>1.3%</b>	10	3.70	0.0%	55	3.46	5.5%	53	3.40	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	<b>309</b>	<b>3.33</b>	<b>1.9%</b>	10	3.30	0.0%	55	3.46	5.5%	53	3.42	1.9%
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	<b>309</b>	<b>3.42</b>	<b>0.3%</b>	10	3.40	0.0%	55	3.39	1.8%	53	3.38	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	<b>309</b>	<b>3.31</b>	<b>1.6%</b>	10	3.70	0.0%	55	3.35	5.5%	53	3.10	3.8%
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	<b>309</b>	<b>3.83</b>	<b>0.6%</b>	10	3.60	0.0%	55	3.72	1.8%	53	3.81	0.0%
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	<b>309</b>	<b>3.63</b>	<b>1.0%</b>	10	3.40	0.0%	55	3.62	5.5%	53	3.40	0.0%
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	<b>309</b>	<b>3.32</b>	<b>1.9%</b>	10	3.00	10.0%	55	3.47	7.3%	53	3.17	0.0%
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	<b>309</b>	<b>3.45</b>	<b>0.6%</b>	10	3.30	0.0%	55	3.49	3.6%	53	3.21	0.0%
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	<b>309</b>	<b>3.68</b>	<b>0.6%</b>	10	3.50	0.0%	55	3.63	1.8%	53	3.57	0.0%
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	<b>309</b>	<b>3.35</b>	<b>1.3%</b>	10	3.50	0.0%	55	3.40	5.5%	53	3.13	1.9%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.74</b>	<b>15.2 %</b>	10	2.67	40.0%	55	2.78	25.5%	53	2.61	7.5%
3. Patient Management	3.G. Biophysical technologies	309	2.31	49.8%	10	2.60	50.0%	55	2.46	56.4%	53	2.18	37.7%
3. Patient Management	3.G. Biophysical technologies	309	2.43	42.7%	10	2.20	50.0%	55	2.48	50.9%	53	2.44	35.8%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.20</b>	<b>57.9%</b>	<b>10</b>	<b>2.50</b>	<b>60.0%</b>	<b>55</b>	<b>2.32</b>	<b>60.0%</b>	<b>53</b>	<b>2.15</b>	<b>49.1%</b>

Domain	Knowledge Topic	Overall			Less than 10%			10% to 24%			25% to 49%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
3. Patient Management	3.G. Biophysical technologies	309	2.16	61.2%	10	2.50	60.0%	55	2.10	61.8%	53	2.08	54.7%
3. Patient Management	3.G. Biophysical technologies	309	2.16	63.1%	10	2.20	50.0%	55	2.15	63.6%	53	2.09	56.6%
3. Patient Management	3.H. Compression therapy	309	3.62	1.6%	10	3.30	0.0%	55	3.61	7.3%	53	3.43	0.0%
3. Patient Management	3.I. Negative pressure wound therapy	309	3.49	5.2%	10	3.25	20.0%	55	3.35	16.4%	53	3.42	1.9%
3. Patient Management	3.J. Hyperbaric oxygen therapy	309	3.07	17.2 %	10	2.33	40.0%	55	2.87	29.1%	53	2.75	9.4%
3. Patient Management	3.K. Pressure redistribution (i.e., offloading)	309	3.74	1.3%	10	3.50	0.0%	55	3.78	7.3%	53	3.55	0.0%
3. Patient Management	3.L. Surgical closure or tissue transfer	309	3.05	15.9 %	10	2.75	20.0%	55	3.07	21.8%	53	3.32	5.7%
3. Patient Management	3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)	309	3.38	1.6%	10	3.30	0.0%	55	3.33	5.5%	53	3.36	0.0%
4. Etiological Considerations	4.A. Neuropathy	309	3.51	1.0%	10	3.50	0.0%	55	3.56	5.5%	53	3.49	0.0%
4. Etiological Considerations	4.B. Diabetes	309	3.71	1.0%	10	3.50	0.0%	55	3.75	5.5%	53	3.70	0.0%
4. Etiological Considerations	4.C. Venous insufficiency	309	3.71	1.0%	10	3.40	0.0%	55	3.73	5.5%	53	3.77	0.0%
4. Etiological Considerations	4.D. Ischemia	309	3.78	1.0%	10	3.70	0.0%	55	3.85	5.5%	53	3.79	0.0%
4. Etiological Considerations	4.E. Pressure related wounds	309	3.77	1.6%	10	3.60	0.0%	55	3.83	5.5%	53	3.70	0.0%
4. Etiological Considerations	4.F. Lymphedema	309	3.50	2.9%	10	3.33	10.0%	55	3.48	5.5%	53	3.46	1.9%
4. Etiological Considerations	4.G. Trauma	309	3.33	1.3%	10	3.40	0.0%	55	3.33	5.5%	53	3.38	0.0%
4. Etiological Considerations	4.H. Surgical/surgical procedure	309	3.39	4.2%	10	3.30	0.0%	55	3.42	5.5%	53	3.52	1.9%
4. Etiological Considerations	4.I. Atypical etiologies (e.g., malignancy, medication-induced)	309	3.35	3.2%	10	3.22	10.0%	55	3.27	7.3%	53	3.25	3.8%
4. Etiological Considerations	4.J. Dermatological	309	3.30	1.0%	10	3.20	0.0%	55	3.25	3.6%	53	3.25	0.0%

Domain	Knowledge Topic	Overall			Less than 10%			10% to 24%			25% to 49%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	<b>309</b>	<b>3.62</b>	<b>0.6%</b>	10	3.40	0.0%	55	3.62	3.6%	53	3.58	0.0%
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	<b>309</b>	<b>3.14</b>	<b>5.2%</b>	10	3.22	10.0%	55	3.13	5.5%	53	3.08	3.8%
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	<b>309</b>	<b>3.54</b>	<b>1.0%</b>	10	3.40	0.0%	55	3.52	5.5%	53	3.53	0.0%
<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	<b>309</b>	<b>2.65</b>	<b>33.7 %</b>	10	2.50	60.0%	55	2.88	38.2%	53	2.77	18.9%
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	<b>309</b>	<b>3.36</b>	<b>0.6%</b>	10	3.60	0.0%	55	3.25	3.6%	53	3.34	0.0%
<b>5. Professional Issues</b>	<b>5.A. Documentation/legal concepts</b>	<b>309</b>	<b>3.33</b>	<b>1.3%</b>	10	3.00	0.0%	55	3.37	1.8%	53	3.12	1.9%
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	<b>309</b>	<b>3.41</b>	<b>1.3%</b>	10	3.00	10.0%	55	3.52	5.5%	53	3.30	0.0%
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	<b>309</b>	<b>2.91</b>	<b>2.6%</b>	10	3.11	10.0%	55	3.06	5.5%	53	2.65	3.8%
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	<b>309</b>	<b>3.31</b>	<b>1.3%</b>	10	3.00	0.0%	55	3.40	5.5%	53	3.19	1.9%
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	<b>309</b>	<b>3.32</b>	<b>1.0%</b>	10	3.00	0.0%	55	3.40	3.6%	53	3.19	0.0%
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	<b>309</b>	<b>2.82</b>	<b>2.6%</b>	10	2.80	0.0%	55	2.90	5.5%	53	2.58	1.9%
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	<b>309</b>	<b>3.31</b>	<b>1.6%</b>	10	3.40	0.0%	55	3.26	1.8%	53	3.35	3.8%

Table L.4. CWSP Importance of Knowledge Topic Ratings by Workday Percentage (Cont.)

Domain	Knowledge Topic	50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	52	3.38	0.0%	35	3.63	0.0%	80	3.45	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	52	3.62	0.0%	35	3.66	0.0%	80	3.69	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	52	3.44	0.0%	35	3.57	0.0%	80	3.25	0.0%

Domain	Knowledge Topic	50% to 74%			75% to 99%			100%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
1. Wound Healing Environment	1.A. Anatomy and Physiology	52	3.65	0.0%	35	3.89	0.0%	80	3.79	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	52	3.17	0.0%	35	3.49	0.0%	80	3.11	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	52	3.15	0.0%	35	3.49	0.0%	80	3.36	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	52	2.84	1.9%	35	2.94	2.9%	80	2.81	3.8%
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	52	3.73	0.0%	35	3.91	0.0%	80	3.78	0.0%
1. Wound Healing Environment	1.B. Wound Healing	52	3.23	0.0%	35	3.53	2.9%	80	3.46	1.3%
1. Wound Healing Environment	1.B. Wound Healing	52	2.88	0.0%	35	3.21	5.7%	80	2.92	3.8%
1. Wound Healing Environment	1.B. Wound Healing	52	3.46	0.0%	35	3.54	0.0%	80	3.51	1.3%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	52	3.56	0.0%	35	3.80	0.0%	80	3.73	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	52	3.60	0.0%	35	3.74	0.0%	80	3.71	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	52	3.77	0.0%	35	3.91	0.0%	80	3.86	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	52	3.12	0.0%	35	3.46	0.0%	80	3.11	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	52	3.29	0.0%	35	3.54	0.0%	80	3.29	1.3%
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	52	3.25	1.9%	35	3.46	0.0%	80	3.24	1.3%
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	52	3.37	0.0%	35	3.46	0.0%	80	3.51	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	52	3.17	0.0%	35	3.51	0.0%	80	3.31	0.0%
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	52	3.82	1.9%	35	3.94	0.0%	80	3.91	0.0%
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	52	3.65	0.0%	35	3.74	0.0%	80	3.78	0.0%
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	52	3.27	0.0%	35	3.34	0.0%	80	3.35	1.3%
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	52	3.44	0.0%	35	3.49	0.0%	80	3.61	0.0%

Domain	Knowledge Topic	50% to 74%			75% to 99%			100%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	52	3.62	0.0%	35	3.91	0.0%	80	3.75	0.0%
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	52	3.25	0.0%	35	3.57	0.0%	80	3.39	0.0%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	52	2.75	15.4%	35	3.00	11.4%	80	2.66	12.5%
3. Patient Management	3.G. Biophysical technologies	52	2.20	51.9%	35	2.50	42.9%	80	2.31	60.0%
3. Patient Management	3.G. Biophysical technologies	52	2.30	42.3%	35	2.48	34.3%	80	2.43	45.0%
3. Patient Management	3.G. Biophysical technologies	52	2.24	59.6%	35	2.18	51.4%	80	1.92	68.8%
3. Patient Management	3.G. Biophysical technologies	52	2.22	65.4%	35	2.12	51.4%	80	2.04	67.5%
3. Patient Management	3.G. Biophysical technologies	52	2.16	63.5%	35	2.13	57.1%	80	2.10	73.8%
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	52	3.52	0.0%	35	3.83	0.0%	80	3.84	1.3%
<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	52	3.48	0.0%	35	3.59	2.9%	80	3.68	2.5%
<b>3. Patient Management</b>	<b>3.J. Hyperbaric oxygen therapy</b>	52	3.17	21.2%	35	3.27	5.7%	80	3.30	13.8%
<b>3. Patient Management</b>	<b>3.K. Pressure redistribution (i.e., offloading)</b>	52	3.75	0.0%	35	3.91	0.0%	80	3.85	0.0%
<b>3. Patient Management</b>	<b>3.L. Surgical closure or tissue transfer</b>	52	3.00	9.6%	35	2.97	17.1%	80	2.92	22.5%
<b>3. Patient Management</b>	<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	52	3.37	0.0%	35	3.44	2.9%	80	3.44	1.3%
<b>4. Etiological Considerations</b>	<b>4.A. Neuropathy</b>	52	3.50	0.0%	35	3.60	0.0%	80	3.56	0.0%
<b>4. Etiological Considerations</b>	<b>4.B. Diabetes</b>	52	3.71	0.0%	35	3.69	0.0%	80	3.78	0.0%
<b>4. Etiological Considerations</b>	<b>4.C. Venous insufficiency</b>	52	3.62	0.0%	35	3.60	0.0%	80	3.86	0.0%
<b>4. Etiological Considerations</b>	<b>4.D. Ischemia</b>	52	3.73	0.0%	35	3.77	0.0%	80	3.85	0.0%
<b>4. Etiological Considerations</b>	<b>4.E. Pressure related wounds</b>	52	3.71	1.9%	35	3.80	0.0%	80	3.89	0.0%

Domain	Knowledge Topic	50% to 74%			75% to 99%			100%		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP
<b>4. Etiological Considerations</b>	<b>4.F. Lymphedema</b>	52	3.40	3.8%	35	3.52	5.7%	80	3.69	0.0%
<b>4. Etiological Considerations</b>	<b>4.G. Trauma</b>	52	3.17	0.0%	35	3.43	0.0%	80	3.39	0.0%
<b>4. Etiological Considerations</b>	<b>4.H. Surgical/surgical procedure</b>	52	3.47	5.8%	35	3.26	0.0%	80	3.35	6.3%
<b>4. Etiological Considerations</b>	<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	52	3.35	5.8%	35	3.46	0.0%	80	3.50	0.0%
<b>4. Etiological Considerations</b>	<b>4.J. Dermatological</b>	52	3.29	1.9%	35	3.40	0.0%	80	3.43	0.0%
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	52	3.62	0.0%	35	3.60	0.0%	80	3.70	0.0%
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	52	3.10	5.8%	35	3.15	5.7%	80	3.30	3.8%
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	52	3.44	0.0%	35	3.63	0.0%	80	3.68	0.0%
<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	52	2.39	30.8%	35	2.65	25.7%	80	2.68	41.3%
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	52	3.35	0.0%	35	3.54	0.0%	80	3.48	0.0%
<b>5. Professional Issues</b>	<b>5.A. Documentation/legal concepts</b>	52	3.37	1.9%	35	3.34	0.0%	80	3.53	1.3%
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	52	3.46	0.0%	35	3.51	0.0%	80	3.49	0.0%
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	52	2.77	0.0%	35	2.97	0.0%	80	3.14	2.5%
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	52	3.25	0.0%	35	3.43	0.0%	80	3.40	0.0%
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	52	3.23	0.0%	35	3.43	0.0%	80	3.42	1.3%
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	52	2.67	0.0%	35	2.89	0.0%	80	3.01	3.8%
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	52	3.19	0.0%	35	3.47	2.9%	80	3.39	0.0%

Table L.5. CWSP Importance of Knowledge Topic Ratings by Primary Placement

Domain	Knowledge Topic	Overall			Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility			Home Health		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	<b>309</b>	<b>3.50</b>	<b>1.0 %</b>	59	3.62	1.7%	2	3.50	0.0%	21	3.52	0.0%	5	3.60	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.63	1.3%	59	3.64	1.7%	2	3.50	0.0%	21	3.76	0.0%	5	3.40	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.40	1.3%	59	3.62	1.7%	2	3.00	0.0%	21	3.24	0.0%	5	3.60	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.77	1.0%	59	3.74	1.7%	2	4.00	0.0%	21	3.67	0.0%	5	3.40	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.32	1.3%	59	3.48	1.7%	2	3.00	0.0%	21	3.05	0.0%	5	3.40	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	3.32	1.3%	59	3.44	3.4%	2	3.00	0.0%	21	3.19	0.0%	5	3.20	0.0%
1. Wound Healing Environment	1.A. Anatomy and Physiology	309	2.99	4.5%	59	3.05	3.4%	2	3.00	0.0%	21	2.95	4.8%	5	2.60	0.0%
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	<b>309</b>	<b>3.73</b>	<b>0.3 %</b>	59	3.79	1.7%	2	4.00	0.0%	21	3.76	0.0%	5	3.80	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	3.37	1.0%	59	3.52	1.7%	2	4.00	0.0%	21	3.67	0.0%	5	3.60	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	2.96	2.6%	59	3.09	3.4%	2	4.00	0.0%	21	3.15	4.8%	5	3.20	0.0%
1. Wound Healing Environment	1.B. Wound Healing	309	3.47	0.6%	59	3.52	1.7%	2	4.00	0.0%	21	3.71	0.0%	5	3.60	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	<b>309</b>	<b>3.63</b>	<b>0.6 %</b>	59	3.62	1.7%	2	4.00	0.0%	21	3.52	0.0%	5	3.60	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	<b>309</b>	<b>3.71</b>	<b>1.0 %</b>	59	3.74	1.7%	2	4.00	0.0%	21	3.52	0.0%	5	3.80	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	<b>309</b>	<b>3.84</b>	<b>1.0 %</b>	59	3.78	1.7%	2	4.00	0.0%	21	3.90	0.0%	5	3.60	0.0%

<b>2. Assessment and Diagnosis</b>	<b>2.D. Pain assessment</b>	<b>309</b>	<b>3.21</b>	<b>1.0 %</b>	59	3.34	1.7%	2	4.00	0.0%	21	3.24	0.0%	5	3.20	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	<b>309</b>	<b>3.38</b>	<b>1.3 %</b>	59	3.50	1.7%	2	4.00	0.0%	21	3.29	0.0%	5	3.00	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	<b>309</b>	<b>3.33</b>	<b>1.9 %</b>	59	3.36	1.7%	2	3.50	0.0%	21	3.19	0.0%	5	3.20	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	<b>309</b>	<b>3.42</b>	<b>0.3 %</b>	59	3.45	1.7%	2	4.00	0.0%	21	2.90	0.0%	5	3.40	0.0%
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	<b>309</b>	<b>3.31</b>	<b>1.6 %</b>	59	3.32	3.4%	2	3.50	0.0%	21	3.19	0.0%	5	3.40	0.0%
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	<b>309</b>	<b>3.83</b>	<b>0.6 %</b>	59	3.81	3.4%	2	4.00	0.0%	21	3.81	0.0%	5	3.60	0.0%
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	<b>309</b>	<b>3.63</b>	<b>1.0 %</b>	59	3.53	1.7%	2	4.00	0.0%	21	3.57	0.0%	5	3.40	0.0%
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	<b>309</b>	<b>3.32</b>	<b>1.9 %</b>	59	3.26	3.4%	2	3.50	0.0%	21	3.05	4.8%	5	2.80	0.0%
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	<b>309</b>	<b>3.45</b>	<b>0.6 %</b>	59	3.38	1.7%	2	4.00	0.0%	21	3.48	0.0%	5	3.00	0.0%
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	<b>309</b>	<b>3.68</b>	<b>0.6 %</b>	59	3.69	1.7%	2	4.00	0.0%	21	3.43	0.0%	5	3.80	0.0%
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	<b>309</b>	<b>3.35</b>	<b>1.3 %</b>	59	3.28	1.7%	2	4.00	0.0%	21	3.33	0.0%	5	3.40	0.0%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.74</b>	<b>15.2 %</b>	59	2.76	15.3 %	2	3.50	0.0%	21	2.56	23.8 %	5	2.80	0.0%
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.31</b>	<b>49.8 %</b>	59	2.39	44.1 %	2		100. 0%	21	2.08	42.9 %	5	2.50	20.0 %
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.43</b>	<b>42.7 %</b>	59	2.54	33.9 %	2	4.00	50.0 %	21	1.73	47.6 %	5	2.50	20.0 %
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.20</b>	<b>57.9 %</b>	59	2.37	54.2 %	2		100. 0%	21	1.64	47.6 %	5	2.25	20.0 %
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.16</b>	<b>61.2 %</b>	59	2.38	59.3 %	2		100. 0%	21	1.25	61.9 %	5	2.50	20.0 %
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	<b>309</b>	<b>2.16</b>	<b>63.1 %</b>	59	2.27	55.9 %	2		100. 0%	21	1.50	61.9 %	5	2.25	20.0 %
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	<b>309</b>	<b>3.62</b>	<b>1.6 %</b>	59	3.50	1.7%	2	4.00	0.0%	21	3.52	0.0%	5	3.20	0.0%

<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	<b>309</b>	<b>3.49</b>	<b>5.2 %</b>	59	3.54	5.1%	2	4.00	0.0%	21	2.95	9.5%	5	3.00	0.0%
<b>3. Patient Management</b>	<b>3.J. Hyperbaric oxygen therapy</b>	<b>309</b>	<b>3.07</b>	<b>17.2 %</b>	59	2.82	15.3 %	2	4.00	0.0%	21	2.25	61.9 %	5	2.75	20.0 %
<b>3. Patient Management</b>	<b>3.K. Pressure redistribution (i.e., offloading)</b>	<b>309</b>	<b>3.74</b>	<b>1.3 %</b>	59	3.74	1.7%	2	4.00	0.0%	21	3.76	0.0%	5	3.80	0.0%
<b>3. Patient Management</b>	<b>3.L. Surgical closure or tissue transfer</b>	<b>309</b>	<b>3.05</b>	<b>15.9 %</b>	59	3.39	13.6 %	2	4.00	50.0 %	21	2.62	38.1 %	5	2.50	20.0 %
<b>3. Patient Management</b>	<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	<b>309</b>	<b>3.38</b>	<b>1.6 %</b>	59	3.34	1.7%	2	4.00	0.0%	21	3.00	0.0%	5	3.40	0.0%
<b>4. Etiological Considerations</b>	<b>4.A. Neuropathy</b>	<b>309</b>	<b>3.51</b>	<b>1.0 %</b>	59	3.59	1.7%	2	4.00	0.0%	21	3.57	0.0%	5	3.00	0.0%
<b>4. Etiological Considerations</b>	<b>4.B. Diabetes</b>	<b>309</b>	<b>3.71</b>	<b>1.0 %</b>	59	3.79	1.7%	2	4.00	0.0%	21	3.67	0.0%	5	3.20	0.0%
<b>4. Etiological Considerations</b>	<b>4.C. Venous insufficiency</b>	<b>309</b>	<b>3.71</b>	<b>1.0 %</b>	59	3.66	1.7%	2	4.00	0.0%	21	3.71	0.0%	5	3.00	0.0%
<b>4. Etiological Considerations</b>	<b>4.D. Ischemia</b>	<b>309</b>	<b>3.78</b>	<b>1.0 %</b>	59	3.81	1.7%	2	4.00	0.0%	21	3.76	0.0%	5	3.00	0.0%
<b>4. Etiological Considerations</b>	<b>4.E. Pressure related wounds</b>	<b>309</b>	<b>3.77</b>	<b>1.6 %</b>	59	3.84	3.4%	2	4.00	0.0%	21	3.86	0.0%	5	3.60	0.0%
<b>4. Etiological Considerations</b>	<b>4.F. Lymphedema</b>	<b>309</b>	<b>3.50</b>	<b>2.9 %</b>	59	3.60	6.8%	2	4.00	0.0%	21	3.29	0.0%	5	3.25	20.0 %
<b>4. Etiological Considerations</b>	<b>4.G. Trauma</b>	<b>309</b>	<b>3.33</b>	<b>1.3 %</b>	59	3.40	1.7%	2	4.00	0.0%	21	3.05	0.0%	5	3.00	0.0%
<b>4. Etiological Considerations</b>	<b>4.H. Surgical/surgical procedure</b>	<b>309</b>	<b>3.39</b>	<b>4.2 %</b>	59	3.71	5.1%	2	4.00	50.0 %	21	3.00	14.3 %	5	3.00	0.0%
<b>4. Etiological Considerations</b>	<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	<b>309</b>	<b>3.35</b>	<b>3.2 %</b>	59	3.50	8.5%	2	4.00	0.0%	21	3.00	0.0%	5	3.00	0.0%
<b>4. Etiological Considerations</b>	<b>4.J. Dermatological</b>	<b>309</b>	<b>3.30</b>	<b>1.0 %</b>	59	3.29	1.7%	2	3.50	0.0%	21	2.95	0.0%	5	3.20	0.0%
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	<b>309</b>	<b>3.62</b>	<b>0.6 %</b>	59	3.62	1.7%	2	4.00	0.0%	21	3.05	0.0%	5	3.20	0.0%
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	<b>309</b>	<b>3.14</b>	<b>5.2 %</b>	59	3.23	3.4%	2	4.00	0.0%	21	2.85	4.8%	5	3.00	0.0%
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	<b>309</b>	<b>3.54</b>	<b>1.0 %</b>	59	3.50	1.7%	2	4.00	0.0%	21	3.48	0.0%	5	3.20	0.0%

<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	<b>309</b>	<b>2.65</b>	<b>33.7 %</b>	59	2.85	33.9 %	2	4.00	50.0 %	21	2.33	71.4 %	5	2.67	40.0 %
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	<b>309</b>	<b>3.36</b>	<b>0.6 %</b>	59	3.41	1.7%	2	4.00	0.0%	21	3.24	0.0%	5	3.20	0.0%
<b>5. Professional Issues</b>	<b>5.A. Documentation/legal concepts</b>	<b>309</b>	<b>3.33</b>	<b>1.3 %</b>	59	3.39	3.4%	2	3.50	0.0%	21	3.29	0.0%	5	3.00	0.0%
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	<b>309</b>	<b>3.41</b>	<b>1.3 %</b>	59	3.44	3.4%	2	3.50	0.0%	21	3.33	0.0%	5	3.00	0.0%
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	<b>309</b>	<b>2.91</b>	<b>2.6 %</b>	59	2.71	6.8%	2	3.00	50.0 %	21	2.85	4.8%	5	2.40	0.0%
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	<b>309</b>	<b>3.31</b>	<b>1.3 %</b>	59	3.30	3.4%	2	3.00	0.0%	21	3.24	0.0%	5	2.80	0.0%
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	<b>309</b>	<b>3.32</b>	<b>1.0 %</b>	59	3.45	1.7%	2	4.00	0.0%	21	3.29	0.0%	5	2.80	0.0%
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	<b>309</b>	<b>2.82</b>	<b>2.6 %</b>	59	2.95	3.4%	2	3.50	0.0%	21	2.76	0.0%	5	2.40	0.0%
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	<b>309</b>	<b>3.31</b>	<b>1.6 %</b>	59	3.38	1.7%	2	4.00	0.0%	21	3.43	0.0%	5	3.25	20.0 %

Table L.5. CWSP Importance of Knowledge Topic Ratings by Primary Placement (Cont.)

Domain	Knowledge Topic	Wound Care Center			Private Practice			Educational Institution			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Wound Healing Environment</b>	<b>1.A. Anatomy and Physiology</b>	102	3.42	0.0 %	78	3.45	1.3 %	5	3.40	0.0 %	3	3.67	0.0 %	10	3.80	0.0 %	24	3.48	4.2 %
1. Wound Healing Environment	1.A. Anatomy and Physiology	102	3.65	0.0 %	78	3.64	3.8 %	5	3.80	0.0 %	3	3.67	0.0 %	10	3.70	0.0 %	24	3.42	0.0 %

Domain	Knowledge Topic	Wound Care Center			Private Practice			Educational Institution			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
1. Wound Healing Environment	1.A. Anatomy and Physiology	102	3.30	0.0 %	78	3.48	3.8 %	5	3.40	0.0 %	3	3.67	0.0 %	10	3.50	0.0 %	24	3.08	0.0 %
1. Wound Healing Environment	1.A. Anatomy and Physiology	102	3.83	0.0 %	78	3.74	2.6 %	5	3.60	0.0 %	3	3.67	0.0 %	10	4.00	0.0 %	24	3.75	0.0 %
1. Wound Healing Environment	1.A. Anatomy and Physiology	102	3.20	0.0 %	78	3.43	2.6 %	5	3.40	0.0 %	3	3.67	0.0 %	10	3.70	0.0 %	24	3.17	4.2 %
1. Wound Healing Environment	1.A. Anatomy and Physiology	102	3.38	0.0 %	78	3.18	2.6 %	5	3.40	0.0 %	3	3.67	0.0 %	10	3.50	0.0 %	24	3.21	0.0 %
1. Wound Healing Environment	1.A. Anatomy and Physiology	102	2.81	2.9 %	78	3.16	6.4 %	5	2.75	20.0 %	3	3.67	0.0 %	10	3.00	10.0 %	24	3.09	4.2 %
<b>1. Wound Healing Environment</b>	<b>1.B. Wound Healing</b>	102	3.81	0.0 %	78	3.56	0.0 %	5	3.60	0.0 %	3	3.67	0.0 %	10	3.80	0.0 %	24	3.67	0.0 %
1. Wound Healing Environment	1.B. Wound Healing	102	3.38	2.0 %	78	3.17	0.0 %	5	3.80	0.0 %	3	3.67	0.0 %	10	3.20	0.0 %	24	3.17	0.0 %
1. Wound Healing Environment	1.B. Wound Healing	102	2.87	2.9 %	78	3.00	2.6 %	5	2.60	0.0 %	3	3.67	0.0 %	10	3.00	0.0 %	24	2.54	0.0 %
1. Wound Healing Environment	1.B. Wound Healing	102	3.46	1.0 %	78	3.44	0.0 %	5	3.80	0.0 %	3	4.00	0.0 %	10	3.50	0.0 %	24	3.13	0.0 %
<b>2. Assessment and Diagnosis</b>	<b>2.A. History</b>	102	3.71	0.0 %	78	3.55	1.3 %	5	3.80	0.0 %	3	3.33	0.0 %	10	3.80	0.0 %	24	3.63	0.0 %
<b>2. Assessment and Diagnosis</b>	<b>2.B. Physical examination</b>	102	3.72	0.0 %	78	3.70	2.6 %	5	3.80	0.0 %	3	3.33	0.0 %	10	3.60	0.0 %	24	3.79	0.0 %
<b>2. Assessment and Diagnosis</b>	<b>2.C. Wound and skin assessment</b>	102	3.88	0.0 %	78	3.84	2.6 %	5	3.60	0.0 %	3	3.67	0.0 %	10	3.90	0.0 %	24	3.88	0.0 %
<b>2. Assessment</b>	<b>2.D. Pain assessment</b>	102	3.14	0.0 %	78	3.18	2.6 %	5	3.40	0.0 %	3	3.33	0.0 %	10	3.10	0.0 %	24	3.13	0.0 %

Domain	Knowledge Topic	Wound Care Center			Private Practice			Educational Institution			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>1. Patient Assessment and Diagnosis</b>																			
<b>2. Assessment and Diagnosis</b>	<b>2.E. Risk assessment</b>	102	3.30	1.0 %	78	3.41	2.6 %	5	3.40	0.0 %	3	4.00	0.0 %	10	3.60	0.0 %	24	3.29	0.0 %
<b>2. Assessment and Diagnosis</b>	<b>2.F. Functional assessment</b>	102	3.30	1.0 %	78	3.36	5.1 %	5	3.40	0.0 %	3	3.67	0.0 %	10	3.90	0.0 %	24	3.17	0.0 %
<b>2. Assessment and Diagnosis</b>	<b>2.G. Laboratory/Imaging/Biopsy</b>	102	3.46	0.0 %	78	3.44	0.0 %	5	3.80	0.0 %	3	3.33	0.0 %	10	3.70	0.0 %	24	3.33	0.0 %
<b>2. Assessment and Diagnosis</b>	<b>2.H. Nutrition</b>	102	3.30	0.0 %	78	3.25	3.8 %	5	3.40	0.0 %	3	3.33	0.0 %	10	3.40	0.0 %	24	3.46	0.0 %
<b>3. Patient Management</b>	<b>3.A. Wound bed preparation/debridement</b>	102	3.93	0.0 %	78	3.78	0.0 %	5	3.80	0.0 %	3	3.67	0.0 %	10	3.60	0.0 %	24	3.83	0.0 %
<b>3. Patient Management</b>	<b>3.B. Dressings</b>	102	3.77	0.0 %	78	3.51	2.6 %	5	3.80	0.0 %	3	4.00	0.0 %	10	3.70	0.0 %	24	3.63	0.0 %
<b>3. Patient Management</b>	<b>3.C. Cellular and/or tissue products for wounds</b>	102	3.37	0.0 %	78	3.40	3.8 %	5	3.80	0.0 %	3	2.33	0.0 %	10	3.10	0.0 %	24	3.38	0.0 %
<b>3. Patient Management</b>	<b>3.D. Topical agents</b>	102	3.54	0.0 %	78	3.40	1.3 %	5	3.40	0.0 %	3	3.33	0.0 %	10	3.60	0.0 %	24	3.42	0.0 %
<b>3. Patient Management</b>	<b>3.E. Complications in healing (e.g., biofilm management, infection, systemic factors)</b>	102	3.76	0.0 %	78	3.59	0.0 %	5	4.00	0.0 %	3	3.67	0.0 %	10	3.70	0.0 %	24	3.65	4.2 %
<b>3. Patient Management</b>	<b>3.F. Nutrition</b>	102	3.41	0.0 %	78	3.28	3.8 %	5	3.60	0.0 %	3	3.33	0.0 %	10	3.30	0.0 %	24	3.46	0.0 %

Domain	Knowledge Topic	Wound Care Center			Private Practice			Educational Institution			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>3. Patient Management</b>	<b>3.G. Biophysical technologies</b>	102	2.76	14.7 %	78	2.66	17.9 %	5	2.75	20.0 %	3	2.33	0.0 %	10	3.00	0.0 %	24	2.90	12.5 %
3. Patient Management	3.G. Biophysical technologies	102	2.30	60.8 %	78	2.41	52.6 %	5	2.25	20.0 %	3	1.00	66.7 %	10	2.25	20.0 %	24	2.19	33.3 %
3. Patient Management	3.G. Biophysical technologies	102	2.40	46.1 %	78	2.44	47.4 %	5	2.25	20.0 %	3	2.50	33.3 %	10	2.67	40.0 %	24	2.57	41.7 %
3. Patient Management	3.G. Biophysical technologies	102	2.00	67.6 %	78	2.30	57.7 %	5	2.50	60.0 %	3	2.50	33.3 %	10	2.00	60.0 %	24	2.50	41.7 %
3. Patient Management	3.G. Biophysical technologies	102	1.94	66.7 %	78	2.23	60.3 %	5	3.00	60.0 %	3	1.00	66.7 %	10	2.33	40.0 %	24	2.60	58.3 %
3. Patient Management	3.G. Biophysical technologies	102	2.03	69.6 %	78	2.24	62.8 %	5	3.00	80.0 %	3	1.00	66.7 %	10	2.33	70.0 %	24	2.45	54.2 %
<b>3. Patient Management</b>	<b>3.H. Compression therapy</b>	102	3.87	1.0 %	78	3.47	3.8 %	5	3.60	0.0 %	3	3.67	0.0 %	10	3.80	0.0 %	24	3.42	0.0 %
<b>3. Patient Management</b>	<b>3.I. Negative pressure wound therapy</b>	102	3.73	2.0 %	78	3.35	9.0 %	5	4.00	20.0 %	3	3.67	0.0 %	10	3.30	0.0 %	24	3.30	4.2 %
<b>3. Patient Management</b>	<b>3.J. Hyperbaric oxygen therapy</b>	102	3.47	3.9 %	78	2.82	21.8 %	5	3.25	20.0 %	3	2.00	33.3 %	10	2.43	30.0 %	24	3.05	16.7 %
<b>3. Patient Management</b>	<b>3.K. Pressure redistribution (i.e., offloading)</b>	102	3.86	1.0 %	78	3.62	2.6 %	5	3.60	0.0 %	3	4.00	0.0 %	10	3.80	0.0 %	24	3.58	0.0 %
<b>3. Patient Management</b>	<b>3.L. Surgical closure or tissue transfer</b>	102	2.88	15.7 %	78	3.06	14.1 %	5	3.50	20.0 %	3	3.00	0.0 %	10	3.10	0.0 %	24	3.10	12.5 %
<b>3. Patient Management</b>	<b>3.M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)</b>	102	3.46	1.0 %	78	3.33	3.8 %	5	4.00	0.0 %	3	3.67	0.0 %	10	3.60	0.0 %	24	3.33	0.0 %
<b>4. Etiological Considerations</b>	<b>4.A. Neuropathy</b>	102	3.53	0.0 %	78	3.49	2.6 %	5	3.80	0.0 %	3	3.67	0.0 %	10	3.70	0.0 %	24	3.21	0.0 %
<b>4. Etiological</b>	<b>4.B. Diabetes</b>	102	3.72	0.0 %	78	3.70	2.6 %	5	4.00	0.0 %	3	3.67	0.0 %	10	3.80	0.0 %	24	3.50	0.0 %

Domain	Knowledge Topic	Wound Care Center			Private Practice			Educational Institution			Industry			Government Agency			No Response		
Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
<b>Considerations</b>																			
<b>4. Etiological Considerations</b>	<b>4.C. Venous insufficiency</b>	102	3.80	0.0 %	78	3.68	2.6 %	5	4.00	0.0 %	3	3.67	0.0 %	10	3.90	0.0 %	24	3.50	0.0 %
<b>4. Etiological Considerations</b>	<b>4.D. Ischemia</b>	102	3.84	0.0 %	78	3.76	2.6 %	5	4.00	0.0 %	3	3.67	0.0 %	10	4.00	0.0 %	24	3.54	0.0 %
<b>4. Etiological Considerations</b>	<b>4.E. Pressure related wounds</b>	102	3.84	0.0 %	78	3.67	2.6 %	5	3.80	0.0 %	3	3.67	0.0 %	10	3.70	0.0 %	24	3.52	4.2 %
<b>4. Etiological Considerations</b>	<b>4.F. Lymphedema</b>	102	3.67	0.0 %	78	3.35	3.8 %	5	3.80	0.0 %	3	3.67	0.0 %	10	3.22	10.0 %	24	3.29	0.0 %
<b>4. Etiological Considerations</b>	<b>4.G. Trauma</b>	102	3.39	0.0 %	78	3.28	2.6 %	5	3.60	0.0 %	3	3.67	0.0 %	10	3.40	0.0 %	24	3.17	4.2 %
<b>4. Etiological Considerations</b>	<b>4.H. Surgical/surgical procedure</b>	102	3.33	2.0 %	78	3.36	2.6 %	5	3.60	0.0 %	3	3.67	0.0 %	10	3.44	10.0 %	24	3.26	4.2 %
<b>4. Etiological Considerations</b>	<b>4.I. Atypical etiologies (e.g., malignancy, medication-induced)</b>	102	3.45	1.0 %	78	3.27	5.1 %	5	3.80	0.0 %	3	3.67	0.0 %	10	3.20	0.0 %	24	3.08	0.0 %
<b>4. Etiological Considerations</b>	<b>4.J. Dermatological</b>	102	3.38	1.0 %	78	3.31	1.3 %	5	4.00	0.0 %	3	3.00	0.0 %	10	3.60	0.0 %	24	3.00	0.0 %
<b>4. Etiological Considerations</b>	<b>4.K. Infectious</b>	102	3.69	0.0 %	78	3.66	1.3 %	5	4.00	0.0 %	3	3.33	0.0 %	10	4.00	0.0 %	24	3.54	0.0 %
<b>4. Etiological Considerations</b>	<b>4.L. Burns</b>	102	3.21	2.0 %	78	3.09	10.3 %	5	3.80	0.0 %	3	3.50	33.3 %	10	3.20	0.0 %	24	2.82	8.3 %

Domain	Knowledge Topic	Wound Care Center			Private Practice			Educational Institution			Industry			Government Agency			No Response		
		Name	Name	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP	
<b>4. Etiological Considerations</b>	<b>4.M. Edema (i.e., systemic vs. local)</b>	102	3.67	0.0 %	78	3.49	2.6 %	5	4.00	0.0 %	3	3.67	0.0 %	10	3.40	0.0 %	24	3.29	0.0 %
<b>4. Etiological Considerations</b>	<b>4.N. Pediatric Issues</b>	102	2.50	27.5 %	78	2.73	29.5 %	5	3.75	20.0 %	3	2.50	33.3 %	10	2.67	40.0 %	24	2.40	37.5 %
<b>4. Etiological Considerations</b>	<b>4.O. Inflammatory</b>	102	3.42	0.0 %	78	3.35	1.3 %	5	3.80	0.0 %	3	3.67	0.0 %	10	3.40	0.0 %	24	3.00	0.0 %
<b>5. Professional Issues</b>	<b>5.A. Documentation/I legal concepts</b>	102	3.43	1.0 %	78	3.19	1.3 %	5	3.80	0.0 %	3	4.00	0.0 %	10	3.50	0.0 %	24	3.13	0.0 %
<b>5. Professional Issues</b>	<b>5.B. Patient adherence (e.g., socioeconomic factors, ability to comply)</b>	102	3.46	0.0 %	78	3.43	2.6 %	5	3.80	0.0 %	3	3.33	0.0 %	10	3.60	0.0 %	24	3.08	0.0 %
<b>5. Professional Issues</b>	<b>5.C. Reimbursement and medical economics</b>	102	2.97	1.0 %	78	3.06	0.0 %	5	3.80	0.0 %	3	3.67	0.0 %	10	2.78	10.0 %	24	2.54	0.0 %
<b>5. Professional Issues</b>	<b>5.D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)</b>	102	3.38	0.0 %	78	3.28	2.6 %	5	3.80	0.0 %	3	4.00	0.0 %	10	3.30	0.0 %	24	3.13	0.0 %
<b>5. Professional Issues</b>	<b>5.E. Multidisciplinary teams</b>	102	3.30	1.0 %	78	3.26	1.3 %	5	3.60	0.0 %	3	3.00	0.0 %	10	3.50	0.0 %	24	3.25	0.0 %
<b>5. Professional Issues</b>	<b>5.F. Epidemiology</b>	102	2.79	2.9 %	78	2.78	2.6 %	5	3.40	0.0 %	3	2.33	0.0 %	10	2.90	0.0 %	24	2.74	4.2 %
<b>5. Professional Issues</b>	<b>5.G. Evidence-based practice and research</b>	102	3.38	0.0 %	78	3.12	1.3 %	5	4.00	20.0 %	3	3.67	0.0 %	10	3.50	0.0 %	24	3.04	4.2 %

Table L.6. CWSP Task Statement Ratings by Importance

Task Domain	Task	Stats		
		n	Mean Rankings	% Not Part of Practice
Assessment and Diagnosis	P.1. Obtain patient history	294	3.64	0.68%
Assessment and Diagnosis	P.2. Perform physical examination	294	3.72	1.70%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	294	3.54	1.36%
Assessment and Diagnosis	P.4. Determine etiology of the wound	294	3.73	1.02%
Assessment and Diagnosis	P.5. Assess wound healing status	294	3.73	1.02%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	294	3.78	1.02%
Assessment and Diagnosis	P.7. Assess wound characteristics	294	3.65	0.68%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	294	3.05	3.74%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	294	2.71	28.23%
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	294	3.13	5.44%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	294	2.68	21.09%
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	294	2.57	22.79%
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	294	2.72	30.27%
Treatment of Wounds	P.14. Manage wounds using debridement	289	3.77	1.04%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	289	2.79	21.80%
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	289	2.15	64.01%
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	289	2.23	60.21%
Treatment of Wounds	P.18. Manage wounds using diathermy	289	1.93	69.55%
Treatment of Wounds	P.19. Manage wounds using laser	289	2.06	73.36%
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	289	1.96	74.74%
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	289	3.29	5.88%
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	289	3.61	2.08%

Task Domain	Task	Stats		
		n	Mean Rankings	% Not Part of Practice
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	289	3.65	1.04%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	289	3.22	8.30%
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	289	3.66	1.04%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	289	2.96	6.23%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	289	3.53	1.38%
Treatment of Wounds	P.28. Manage the following complications: bleeding	289	3.34	1.38%
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	289	3.08	1.38%
Treatment of Wounds	P.30. Manage the following complications: adverse events	289	3.24	1.38%
Treatment of Wounds	P.31. Manage the following complications: scarring	289	2.60	6.23%
Treatment of Wounds	P.32. Manage the following complications: infection	289	3.63	1.04%
Treatment of Wounds	P.33. Address and manage nutritional deficits	289	3.12	2.08%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	289	2.89	2.42%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	289	3.41	1.04%
Treatment of Wounds	P.36. Educate on wound healing environment	289	3.35	0.35%
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	292	3.59	1.37%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	292	3.43	0.68%
Wound Prevention	P.39. Recommend and prescribe preventive measures	292	3.50	1.03%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	289	3.36	1.38%
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	289	2.98	2.42%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	289	2.78	2.08%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	289	3.25	2.77%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	289	2.89	3.11%
Professional Issues	P.45. Apply principles of evidence-based medicine	289	3.18	0.69%
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	289	3.18	0.69%
Professional Issues	P.47. Follow confidentiality and security regulations	289	3.41	0.35%

Table L.7. CWSP Importance of Tasks by Designation

Task Domain	Task	Overall			Doctor of Medicine (MD)			Doctor of Osteopathy (DO)		
		n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.1. Obtain patient history	294	3.64	0.7%	158	3.58	1.3%	24	3.71	0.0%
Assessment and Diagnosis	P.2. Perform physical examination	294	3.72	1.7%	158	3.68	2.5%	24	3.75	0.0%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	294	3.54	1.4%	158	3.50	2.5%	24	3.63	0.0%
Assessment and Diagnosis	P.4. Determine etiology of the wound	294	3.73	1.0%	158	3.74	1.9%	24	3.75	0.0%
Assessment and Diagnosis	P.5. Assess wound healing status	294	3.73	1.0%	158	3.75	1.9%	24	3.71	0.0%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	294	3.78	1.0%	158	3.79	1.9%	24	3.67	0.0%
Assessment and Diagnosis	P.7. Assess wound characteristics	294	3.65	0.7%	158	3.69	1.3%	24	3.63	0.0%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	294	3.05	3.7%	158	3.09	5.1%	24	3.35	4.2%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	294	2.71	28.2%	158	2.73	40.5%	24	2.75	33.3%
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	294	3.13	5.4%	158	3.36	5.7%	24	3.25	0.0%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	294	2.68	21.1%	158	2.69	22.2%	24	3.00	8.3%
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	294	2.57	22.8%	158	2.55	23.4%	24	2.70	16.7%
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	294	2.72	30.3%	158	2.71	35.4%	24	3.06	33.3%
Treatment of Wounds	P.14. Manage wounds using debridement	289	3.77	1.0%	158	3.75	1.9%	24	3.75	0.0%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	289	2.79	21.8%	158	2.94	22.2%	24	3.24	12.5%
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	289	2.15	64.0%	158	2.06	66.5%	24	2.57	70.8%

Task Domain	Task	Overall			Doctor of Medicine (MD)			Doctor of Osteopathy (DO)		
		n	I	% NP	n	I	% NP	n	I	% NP
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	289	2.23	60.2%	158	2.14	63.3%	24	2.89	62.5%
Treatment of Wounds	P.18. Manage wounds using diathermy	289	1.93	69.6%	158	1.86	72.2%	24	2.83	75.0%
Treatment of Wounds	P.19. Manage wounds using laser	289	2.06	73.4%	158	2.00	74.7%	24	3.25	83.3%
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	289	1.96	74.7%	158	1.73	74.7%	24	2.80	79.2%
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	289	3.29	5.9%	158	3.33	5.1%	24	3.39	4.2%
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	289	3.61	2.1%	158	3.68	2.5%	24	3.71	0.0%
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	289	3.65	1.0%	158	3.74	1.9%	24	3.71	0.0%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	289	3.22	8.3%	158	3.08	12.0%	24	3.27	8.3%
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	289	3.66	1.0%	158	3.61	1.9%	24	3.75	0.0%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	289	2.96	6.2%	158	2.92	8.9%	24	2.87	4.2%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	289	3.53	1.4%	158	3.48	2.5%	24	3.50	0.0%
Treatment of Wounds	P.28. Manage the following complications: bleeding	289	3.34	1.4%	158	3.33	2.5%	24	3.46	0.0%
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	289	3.08	1.4%	158	3.06	2.5%	24	3.08	0.0%
Treatment of Wounds	P.30. Manage the following complications: adverse events	289	3.24	1.4%	158	3.21	2.5%	24	3.17	0.0%
Treatment of Wounds	P.31. Manage the following complications: scarring	289	2.60	6.2%	158	2.48	8.2%	24	2.71	12.5%
Treatment of Wounds	P.32. Manage the following complications: infection	289	3.63	1.0%	158	3.61	1.9%	24	3.58	0.0%
Treatment of Wounds	P.33. Address and manage nutritional deficits	289	3.12	2.1%	158	3.20	3.2%	24	3.52	4.2%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	289	2.89	2.4%	158	2.87	2.5%	24	3.23	8.3%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	289	3.41	1.0%	158	3.31	1.3%	24	3.46	0.0%
Treatment of Wounds	P.36. Educate on wound healing environment	289	3.35	0.3%	158	3.33	0.6%	24	3.46	0.0%

Task Domain	Task	Overall			Doctor of Medicine (MD)			Doctor of Osteopathy (DO)		
		n	I	% NP	n	I	% NP	n	I	% NP
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	292	3.59	1.4%	158	3.62	2.5%	24	3.38	0.0%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	292	3.43	0.7%	158	3.44	1.3%	24	3.46	0.0%
Wound Prevention	P.39. Recommend and prescribe preventive measures	292	3.50	1.0%	158	3.53	1.9%	24	3.42	0.0%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	289	3.36	1.4%	158	3.33	2.5%	24	3.54	0.0%
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	289	2.98	2.4%	158	2.88	3.8%	24	2.88	0.0%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	289	2.78	2.1%	158	2.76	3.2%	24	2.88	0.0%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	289	3.25	2.8%	158	3.16	3.2%	24	3.30	4.2%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	289	2.89	3.1%	158	2.85	1.9%	24	3.00	0.0%
Professional Issues	P.45. Apply principles of evidence-based medicine	289	3.18	0.7%	158	3.25	0.6%	24	3.38	0.0%
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	289	3.18	0.7%	158	3.14	0.6%	24	3.33	0.0%
Professional Issues	P.47. Follow confidentiality and security regulations	289	3.41	0.3%	158	3.41	0.6%	24	3.50	0.0%

Table L.7. CWSP Importance of Tasks by Designation (Cont.)

Task Domain	Task	Doctor of Podiatric Medicine (DPM)			Registered Nurse (RN)			Respiratory Therapist (RT)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.1. Obtain patient history	101	3.70	0.0%	1	4.00	0.0%	1	4.00	0.0%	9	3.78	0.0%
Assessment and Diagnosis	P.2. Perform physical examination	101	3.77	1.0%	1	4.00	0.0%	1	4.00	0.0%	9	3.67	0.0%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	101	3.59	0.0%	1	3.00	0.0%	1	4.00	0.0%	9	3.44	0.0%
Assessment and Diagnosis	P.4. Determine etiology of the wound	101	3.70	0.0%	1	4.00	0.0%	1	4.00	0.0%	9	3.89	0.0%

Task Domain	Task	Doctor of Podiatric Medicine (DPM)			Registered Nurse (RN)			Respiratory Therapist (RT)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.5. Assess wound healing status	101	3.69	0.0%	1	3.00	0.0%	1	4.00	0.0%	9	3.67	0.0%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	101	3.76	0.0%	1	4.00	0.0%	1	4.00	0.0%	9	3.89	0.0%
Assessment and Diagnosis	P.7. Assess wound characteristics	101	3.60	0.0%	1	4.00	0.0%	1	4.00	0.0%	9	3.56	0.0%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	101	2.87	2.0%	1	3.00	0.0%	1	4.00	0.0%	9	3.33	0.0%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	101	2.64	8.9%	1	3.00	0.0%	1		100.0 %	9	3.00	11.1%
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	101	2.74	6.9%	1	3.00	0.0%	1	4.00	0.0%	9	3.11	0.0%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	101	2.58	22.8%	1	3.00	0.0%	1		100.0 %	9	2.63	11.1%
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	101	2.55	25.7%	1	2.00	0.0%	1	2.00	0.0%	9	2.89	0.0%
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	101	2.67	21.8%	1	2.00	0.0%	1		100.0 %	9	2.71	22.2%
Treatment of Wounds	P.14. Manage wounds using debridement	101	3.80	0.0%	1	3.00	0.0%	1	4.00	0.0%	4	3.75	0.0%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	101	2.45	24.8%	1	2.00	0.0%	1	4.00	0.0%	4	2.25	0.0%
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	101	2.23	60.4%	1	2.00	0.0%	1		100.0 %	4	2.00	25.0%
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	101	2.28	57.4%	1	2.00	0.0%	1	2.00	0.0%	4	1.67	25.0%
Treatment of Wounds	P.18. Manage wounds using diathermy	101	1.91	65.3%	1		100.0 %	1		100.0 %	4	1.33	25.0%
Treatment of Wounds	P.19. Manage wounds using laser	101	2.00	68.3%	1		100.0 %	1		100.0 %	4	2.00	75.0%
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	101	2.15	73.3%	1		100.0 %	1		100.0 %	4	2.00	75.0%
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	101	3.19	7.9%	1	3.00	0.0%	1	3.00	0.0%	4	3.75	0.0%

Task Domain	Task	Doctor of Podiatric Medicine (DPM)			Registered Nurse (RN)			Respiratory Therapist (RT)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	101	3.47	2.0%	1	3.00	0.0%	1	4.00	0.0%	4	3.75	0.0%
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	101	3.51	0.0%	1	4.00	0.0%	1	4.00	0.0%	4	3.25	0.0%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	101	3.41	3.0%	1	2.00	0.0%	1	4.00	0.0%	4	3.50	0.0%
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	101	3.74	0.0%	1	3.00	0.0%	1	4.00	0.0%	4	3.50	0.0%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	101	3.02	3.0%	1	3.00	0.0%	1	3.00	0.0%	4	3.25	0.0%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	101	3.61	0.0%	1	3.00	0.0%	1	4.00	0.0%	4	3.50	0.0%
Treatment of Wounds	P.28. Manage the following complications: bleeding	101	3.34	0.0%	1	3.00	0.0%	1	3.00	0.0%	4	3.50	0.0%
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	101	3.12	0.0%	1	3.00	0.0%	1	1.00	0.0%	4	3.50	0.0%
Treatment of Wounds	P.30. Manage the following complications: adverse events	101	3.32	0.0%	1	3.00	0.0%	1	2.00	0.0%	4	3.25	0.0%
Treatment of Wounds	P.31. Manage the following complications: scarring	101	2.71	1.0%	1	3.00	0.0%	1		100.0 %	4	3.50	0.0%
Treatment of Wounds	P.32. Manage the following complications: infection	101	3.68	0.0%	1	3.00	0.0%	1	4.00	0.0%	4	3.75	0.0%
Treatment of Wounds	P.33. Address and manage nutritional deficits	101	2.90	0.0%	1	3.00	0.0%	1	3.00	0.0%	4	3.25	0.0%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	101	2.86	1.0%	1	3.00	0.0%	1	2.00	0.0%	4	3.00	0.0%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	101	3.55	1.0%	1	3.00	0.0%	1	4.00	0.0%	4	3.50	0.0%
Treatment of Wounds	P.36. Educate on wound healing environment	101	3.34	0.0%	1	4.00	0.0%	1	3.00	0.0%	4	3.75	0.0%
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	101	3.59	0.0%	1	3.00	0.0%	1	2.00	0.0%	7	3.86	0.0%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	101	3.40	0.0%	1	3.00	0.0%	1	3.00	0.0%	7	3.71	0.0%
Wound Prevention	P.39. Recommend and prescribe preventive measures	101	3.46	0.0%	1	4.00	0.0%	1	3.00	0.0%	7	3.71	0.0%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	101	3.39	0.0%	1	3.00	0.0%	1	3.00	0.0%	4	3.25	0.0%

Task Domain	Task	Doctor of Podiatric Medicine (DPM)			Registered Nurse (RN)			Respiratory Therapist (RT)			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	101	3.16	1.0%	1	3.00	0.0%	1	1.00	0.0%	4	3.50	0.0%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	101	2.86	1.0%	1	2.00	0.0%	1	1.00	0.0%	4	1.50	0.0%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	101	3.36	2.0%	1	3.00	0.0%	1	3.00	0.0%	4	3.50	0.0%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	101	2.94	5.0%	1		100.0 %	1	2.00	0.0%	4	3.00	0.0%
Professional Issues	P.45. Apply principles of evidence-based medicine	101	3.03	1.0%	1	2.00	0.0%	1	3.00	0.0%	4	3.25	0.0%
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	101	3.20	1.0%	1	3.00	0.0%	1	3.00	0.0%	4	3.50	0.0%
Professional Issues	P.47. Follow confidentiality and security regulations	101	3.39	0.0%	1	4.00	0.0%	1	3.00	0.0%	4	3.75	0.0%

Table L.8. CWSP Importance of Tasks by Experience

Task Domain	Task	Overall			1-3 years			4-5 years		
		n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.1. Obtain patient history	294	3.64	0.7%	18	3.41	5.6%	23	3.30	0.0%
Assessment and Diagnosis	P.2. Perform physical examination	294	3.72	1.7%	18	3.63	11.1%	23	3.36	4.3%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	294	3.54	1.4%	18	3.38	11.1%	23	3.17	0.0%
Assessment and Diagnosis	P.4. Determine etiology of the wound	294	3.73	1.0%	18	3.76	5.6%	23	3.45	4.3%
Assessment and Diagnosis	P.5. Assess wound healing status	294	3.73	1.0%	18	3.82	5.6%	23	3.50	4.3%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	294	3.78	1.0%	18	3.88	5.6%	23	3.41	4.3%
Assessment and Diagnosis	P.7. Assess wound characteristics	294	3.65	0.7%	18	3.83	0.0%	23	3.27	4.3%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	294	3.05	3.7%	18	3.35	5.6%	23	2.76	8.7%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	294	2.71	28.2%	18	2.69	27.8%	23	2.41	26.1%
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	294	3.13	5.4%	18	3.35	5.6%	23	2.90	8.7%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	294	2.68	21.1%	18	2.77	27.8%	23	2.53	34.8%
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	294	2.57	22.8%	18	2.46	27.8%	23	2.13	34.8%
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	294	2.72	30.3%	18	2.83	33.3%	23	2.44	30.4%
Treatment of Wounds	P.14. Manage wounds using debridement	289	3.77	1.0%	18	3.65	5.6%	23	3.59	4.3%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	289	2.79	21.8%	18	2.70	44.4%	23	2.75	13.0%
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	289	2.15	64.0%	18	1.71	61.1%	23	2.00	78.3%

Task Domain	Task	Overall			1-3 years			4-5 years		
		n	I	% NP	n	I	% NP	n	I	% NP
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	289	2.23	60.2%	18	1.86	61.1%	23	2.20	78.3%
Treatment of Wounds	P.18. Manage wounds using diathermy	289	1.93	69.6%	18	1.67	66.7%	23	2.00	78.3%
Treatment of Wounds	P.19. Manage wounds using laser	289	2.06	73.4%	18	1.80	72.2%	23	1.83	73.9%
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	289	1.96	74.7%	18	1.60	72.2%	23	2.00	78.3%
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	289	3.29	5.9%	18	3.47	16.7%	23	3.25	13.0%
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	289	3.61	2.1%	18	3.76	5.6%	23	3.45	4.3%
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	289	3.65	1.0%	18	3.71	5.6%	23	3.45	4.3%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	289	3.22	8.3%	18	2.73	16.7%	23	3.22	21.7%
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	289	3.66	1.0%	18	3.71	5.6%	23	3.45	4.3%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	289	2.96	6.2%	18	2.81	11.1%	23	2.70	13.0%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	289	3.53	1.4%	18	3.47	5.6%	23	3.32	4.3%
Treatment of Wounds	P.28. Manage the following complications: bleeding	289	3.34	1.4%	18	3.24	5.6%	23	2.95	4.3%
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	289	3.08	1.4%	18	2.82	5.6%	23	2.77	4.3%
Treatment of Wounds	P.30. Manage the following complications: adverse events	289	3.24	1.4%	18	3.18	5.6%	23	2.95	4.3%
Treatment of Wounds	P.31. Manage the following complications: scarring	289	2.60	6.2%	18	2.63	11.1%	23	2.36	4.3%
Treatment of Wounds	P.32. Manage the following complications: infection	289	3.63	1.0%	18	3.65	5.6%	23	3.32	4.3%
Treatment of Wounds	P.33. Address and manage nutritional deficits	289	3.12	2.1%	18	3.19	11.1%	23	2.82	4.3%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	289	2.89	2.4%	18	2.94	5.6%	23	2.68	4.3%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	289	3.41	1.0%	18	3.44	0.0%	23	3.09	4.3%
Treatment of Wounds	P.36. Educate on wound healing environment	289	3.35	0.3%	18	3.50	0.0%	23	3.13	0.0%

Task Domain	Task	Overall			1-3 years			4-5 years		
		n	I	% NP	n	I	% NP	n	I	% NP
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	292	3.59	1.4%	18	3.59	5.6%	23	3.45	4.3%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	292	3.43	0.7%	18	3.72	0.0%	23	3.41	4.3%
Wound Prevention	P.39. Recommend and prescribe preventive measures	292	3.50	1.0%	18	3.65	5.6%	23	3.45	4.3%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	289	3.36	1.4%	18	3.39	0.0%	23	3.43	0.0%
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	289	2.98	2.4%	18	3.12	5.6%	23	3.09	4.3%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	289	2.78	2.1%	18	3.11	0.0%	23	2.70	0.0%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	289	3.25	2.8%	18	3.41	5.6%	23	3.09	4.3%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	289	2.89	3.1%	18	3.22	0.0%	23	2.91	4.3%
Professional Issues	P.45. Apply principles of evidence-based medicine	289	3.18	0.7%	18	3.44	0.0%	23	3.18	4.3%
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	289	3.18	0.7%	18	3.39	0.0%	23	3.39	0.0%
Professional Issues	P.47. Follow confidentiality and security regulations	289	3.41	0.3%	18	3.67	0.0%	23	3.30	0.0%

Table L.8. CWSP Importance of Tasks by Experience (Cont.)

Task Domain	Task	6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.1. Obtain patient history	66	3.74	0.0%	86	3.64	0.0%	92	3.69	1.1%	9	3.78	0.0%
Assessment and Diagnosis	P.2. Perform physical examination	66	3.80	0.0%	86	3.72	0.0%	92	3.76	2.2%	9	3.67	0.0%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	66	3.59	0.0%	86	3.55	1.2%	92	3.63	1.1%	9	3.44	0.0%
Assessment and Diagnosis	P.4. Determine etiology of the wound	66	3.80	0.0%	86	3.67	0.0%	92	3.78	1.1%	9	3.89	0.0%

Task Domain	Task	6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.5. Assess wound healing status	66	3.85	0.0%	86	3.67	0.0%	92	3.73	1.1%	9	3.67	0.0%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	66	3.88	0.0%	86	3.72	0.0%	92	3.81	1.1%	9	3.89	0.0%
Assessment and Diagnosis	P.7. Assess wound characteristics	66	3.82	0.0%	86	3.53	0.0%	92	3.70	1.1%	9	3.56	0.0%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	66	3.14	3.0%	86	2.96	3.5%	92	3.03	3.3%	9	3.33	0.0%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	66	3.05	36.4 %	86	2.61	27.9 %	92	2.62	25.0 %	9	3.00	11.1 %
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	66	3.24	0.0%	86	3.23	4.7%	92	2.96	9.8%	9	3.11	0.0%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	66	2.79	13.6 %	86	2.58	24.4 %	92	2.70	19.6 %	9	2.63	11.1 %
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	66	2.74	19.7 %	86	2.47	23.3 %	92	2.61	22.8 %	9	2.89	0.0%
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	66	2.88	25.8 %	86	2.72	38.4 %	92	2.65	26.1 %	9	2.71	22.2 %
Treatment of Wounds	P.14. Manage wounds using debridement	66	3.76	0.0%	86	3.79	0.0%	92	3.82	1.1%	4	3.75	0.0%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	66	2.90	22.7 %	86	2.67	29.1 %	92	2.86	13.0 %	4	2.25	0.0%
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	66	2.48	68.2 %	86	2.00	64.0 %	92	2.22	59.8 %	4	2.00	25.0 %
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	66	2.58	60.6 %	86	2.11	58.1 %	92	2.24	58.7 %	4	1.67	25.0 %
Treatment of Wounds	P.18. Manage wounds using diathermy	66	2.29	74.2 %	86	1.84	70.9 %	92	1.91	65.2 %	4	1.33	25.0 %
Treatment of Wounds	P.19. Manage wounds using laser	66	2.63	75.8 %	86	1.90	76.7 %	92	1.97	68.5 %	4	2.00	75.0 %
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	66	2.27	77.3 %	86	1.84	77.9 %	92	1.93	69.6 %	4	2.00	75.0 %
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	66	3.35	1.5%	86	3.21	4.7%	92	3.28	6.5%	4	3.75	0.0%

Task Domain	Task	6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	66	3.66	1.5%	86	3.62	1.2%	92	3.56	2.2%	4	3.75	0.0%
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	66	3.82	0.0%	86	3.60	0.0%	92	3.63	1.1%	4	3.25	0.0%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	66	3.29	10.6 %	86	3.12	5.8%	92	3.34	4.3%	4	3.50	0.0%
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	66	3.71	0.0%	86	3.67	0.0%	92	3.67	1.1%	4	3.50	0.0%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	66	3.07	10.6 %	86	2.85	5.8%	92	3.04	1.1%	4	3.25	0.0%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	66	3.68	1.5%	86	3.41	0.0%	92	3.60	1.1%	4	3.50	0.0%
Treatment of Wounds	P.28. Manage the following complications: bleeding	66	3.58	0.0%	86	3.22	1.2%	92	3.40	1.1%	4	3.50	0.0%
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	66	3.26	0.0%	86	2.98	1.2%	92	3.16	1.1%	4	3.50	0.0%
Treatment of Wounds	P.30. Manage the following complications: adverse events	66	3.42	0.0%	86	3.07	1.2%	92	3.34	1.1%	4	3.25	0.0%
Treatment of Wounds	P.31. Manage the following complications: scarring	66	2.77	6.1%	86	2.43	10.5 %	92	2.64	2.2%	4	3.50	0.0%
Treatment of Wounds	P.32. Manage the following complications: infection	66	3.77	0.0%	86	3.53	0.0%	92	3.69	1.1%	4	3.75	0.0%
Treatment of Wounds	P.33. Address and manage nutritional deficits	66	3.41	0.0%	86	2.99	2.3%	92	3.08	1.1%	4	3.25	0.0%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	66	3.23	1.5%	86	2.75	3.5%	92	2.82	1.1%	4	3.00	0.0%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	66	3.64	0.0%	86	3.29	1.2%	92	3.42	1.1%	4	3.50	0.0%
Treatment of Wounds	P.36. Educate on wound healing environment	66	3.62	0.0%	86	3.16	0.0%	92	3.34	1.1%	4	3.75	0.0%
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	66	3.71	1.5%	86	3.50	0.0%	92	3.59	1.1%	7	3.86	0.0%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	66	3.56	0.0%	86	3.26	0.0%	92	3.42	1.1%	7	3.71	0.0%
Wound Prevention	P.39. Recommend and prescribe preventive measures	66	3.61	0.0%	86	3.37	0.0%	92	3.51	1.1%	7	3.71	0.0%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	66	3.48	1.5%	86	3.32	2.3%	92	3.31	1.1%	4	3.25	0.0%

Task Domain	Task	6-10 years			11-20 years			>20 years			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	66	2.97	1.5%	86	2.89	3.5%	92	2.99	1.1%	4	3.50	0.0%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	66	3.02	1.5%	86	2.65	3.5%	92	2.74	2.2%	4	1.50	0.0%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	66	3.46	1.5%	86	2.99	2.3%	92	3.34	3.3%	4	3.50	0.0%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	66	3.09	1.5%	86	2.74	4.7%	92	2.80	3.3%	4	3.00	0.0%
Professional Issues	P.45. Apply principles of evidence-based medicine	66	3.53	0.0%	86	3.02	0.0%	92	3.01	1.1%	4	3.25	0.0%
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	66	3.35	0.0%	86	3.07	1.2%	92	3.05	1.1%	4	3.50	0.0%
Professional Issues	P.47. Follow confidentiality and security regulations	66	3.52	0.0%	86	3.33	0.0%	92	3.38	1.1%	4	3.75	0.0%

Table L.9. CWSP Importance of Tasks by Workday Percentage

Task Domain	Task	Overall			Less than 10%			10% to 24%		
		n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.1. Obtain patient history	294	3.64	0.7%	10	3.60	0.0%	55	3.64	3.6%
Assessment and Diagnosis	P.2. Perform physical examination	294	3.72	1.7%	10	3.70	0.0%	55	3.81	5.5%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	294	3.54	1.4%	10	3.50	0.0%	55	3.62	5.5%
Assessment and Diagnosis	P.4. Determine etiology of the wound	294	3.73	1.0%	10	3.60	0.0%	55	3.77	5.5%
Assessment and Diagnosis	P.5. Assess wound healing status	294	3.73	1.0%	10	3.70	0.0%	55	3.73	5.5%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	294	3.78	1.0%	10	3.70	0.0%	55	3.79	5.5%
Assessment and Diagnosis	P.7. Assess wound characteristics	294	3.65	0.7%	10	3.60	0.0%	55	3.72	3.6%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	294	3.05	3.7%	10	2.80	0.0%	55	2.96	7.3%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	294	2.71	28.2%	10	2.70	0.0%	55	2.88	21.8%
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	294	3.13	5.4%	10	2.70	0.0%	55	2.98	10.9%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	294	2.68	21.1%	10	2.60	0.0%	55	2.74	23.6%
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	294	2.57	22.8%	10	2.50	0.0%	55	2.68	30.9%
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	294	2.72	30.3%	10	3.00	0.0%	55	2.71	23.6%
Treatment of Wounds	P.14. Manage wounds using debridement	289	3.77	1.0%	10	3.60	0.0%	55	3.65	5.5%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	289	2.79	21.8%	10	2.00	40.0%	55	2.74	38.2%
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	289	2.15	64.0%	10	2.33	70.0%	55	2.12	69.1%

Task Domain	Task	Overall			Less than 10%			10% to 24%		
		n	I	% NP	n	I	% NP	n	I	% NP
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	289	2.23	60.2%	10	2.50	80.0%	55	2.16	65.5%
Treatment of Wounds	P.18. Manage wounds using diathermy	289	1.93	69.6%	10	1.00	90.0%	55	2.00	72.7%
Treatment of Wounds	P.19. Manage wounds using laser	289	2.06	73.4%	10	1.00	90.0%	55	2.07	72.7%
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	289	1.96	74.7%	10	1.00	80.0%	55	2.08	78.2%
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	289	3.29	5.9%	10	2.29	30.0%	55	3.09	18.2%
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	289	3.61	2.1%	10	2.90	0.0%	55	3.45	7.3%
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	289	3.65	1.0%	10	3.20	0.0%	55	3.71	5.5%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	289	3.22	8.3%	10	2.67	40.0%	55	3.09	14.5%
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	289	3.66	1.0%	10	3.20	0.0%	55	3.63	5.5%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	289	2.96	6.2%	10	3.00	0.0%	55	3.25	12.7%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	289	3.53	1.4%	10	3.20	0.0%	55	3.58	5.5%
Treatment of Wounds	P.28. Manage the following complications: bleeding	289	3.34	1.4%	10	2.70	0.0%	55	3.31	7.3%
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	289	3.08	1.4%	10	2.90	0.0%	55	3.14	7.3%
Treatment of Wounds	P.30. Manage the following complications: adverse events	289	3.24	1.4%	10	3.30	0.0%	55	3.27	7.3%
Treatment of Wounds	P.31. Manage the following complications: scarring	289	2.60	6.2%	10	2.50	20.0%	55	2.59	7.3%
Treatment of Wounds	P.32. Manage the following complications: infection	289	3.63	1.0%	10	3.50	0.0%	55	3.58	5.5%
Treatment of Wounds	P.33. Address and manage nutritional deficits	289	3.12	2.1%	10	3.30	0.0%	55	3.17	5.5%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	289	2.89	2.4%	10	2.70	0.0%	55	2.96	5.5%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	289	3.41	1.0%	10	2.90	0.0%	55	3.45	3.6%
Treatment of Wounds	P.36. Educate on wound healing environment	289	3.35	0.3%	10	3.00	0.0%	55	3.43	1.8%

Task Domain	Task	Overall			Less than 10%			10% to 24%		
		n	I	% NP	n	I	% NP	n	I	% NP
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	292	3.59	1.4%	10	3.70	0.0%	55	3.60	5.5%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	292	3.43	0.7%	10	3.30	0.0%	55	3.40	3.6%
Wound Prevention	P.39. Recommend and prescribe preventive measures	292	3.50	1.0%	10	3.60	0.0%	55	3.52	5.5%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	289	3.36	1.4%	10	3.56	10.0%	55	3.33	5.5%
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	289	2.98	2.4%	10	3.00	10.0%	55	2.98	9.1%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	289	2.78	2.1%	10	2.89	10.0%	55	2.69	5.5%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	289	3.25	2.8%	10	3.00	0.0%	55	3.22	9.1%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	289	2.89	3.1%	10	3.00	0.0%	55	3.02	5.5%
Professional Issues	P.45. Apply principles of evidence-based medicine	289	3.18	0.7%	10	3.50	0.0%	55	3.24	1.8%
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	289	3.18	0.7%	10	3.10	0.0%	55	3.20	1.8%
Professional Issues	P.47. Follow confidentiality and security regulations	289	3.41	0.3%	10	3.30	0.0%	55	3.52	1.8%

Table L.9. Importance of Tasks by Workday Percentage (Cont.)

Task Domain	Task	25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.1. Obtain patient history	53	3.57	0.0%	52	3.54	0.0%	35	3.74	0.0%	80	3.71	0.0%
Assessment and Diagnosis	P.2. Perform physical examination	53	3.69	1.9%	52	3.65	1.9%	35	3.66	0.0%	80	3.75	0.0%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	53	3.49	0.0%	52	3.49	1.9%	35	3.40	0.0%	80	3.64	0.0%
Assessment and Diagnosis	P.4. Determine etiology of the wound	53	3.72	0.0%	52	3.58	0.0%	35	3.69	0.0%	80	3.84	0.0%

Task Domain	Task	25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.5. Assess wound healing status	53	3.70	0.0%	52	3.65	0.0%	35	3.77	0.0%	80	3.78	0.0%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	53	3.70	0.0%	52	3.69	0.0%	35	3.83	0.0%	80	3.85	0.0%
Assessment and Diagnosis	P.7. Assess wound characteristics	53	3.57	0.0%	52	3.54	0.0%	35	3.63	0.0%	80	3.76	0.0%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	53	2.96	1.9%	52	2.86	5.8%	35	3.03	0.0%	80	3.29	3.8%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	53	2.69	9.4%	52	2.31	25.0%	35	2.67	40.0%	80	2.88	47.5%
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	53	2.92	3.8%	52	2.88	5.8%	35	3.26	2.9%	80	3.54	5.0%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	53	2.75	17.0%	52	2.40	23.1%	35	2.86	20.0%	80	2.72	25.0%
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	53	2.67	15.1%	52	2.35	28.8%	35	2.58	25.7%	80	2.52	22.5%
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	53	2.77	26.4%	52	2.44	30.8%	35	2.77	37.1%	80	2.80	38.8%
Treatment of Wounds	P.14. Manage wounds using debridement	53	3.70	0.0%	52	3.75	0.0%	35	3.89	0.0%	80	3.88	0.0%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	53	2.42	18.9%	52	2.85	25.0%	35	2.94	8.6%	80	3.06	15.0%
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	53	2.04	56.6%	52	2.10	59.6%	35	2.13	57.1%	80	2.36	72.5%
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	53	2.27	58.5%	52	2.21	53.8%	35	2.13	54.3%	80	2.38	63.8%
Treatment of Wounds	P.18. Manage wounds using diathermy	53	2.25	62.3%	52	1.74	63.5%	35	1.83	65.7%	80	1.94	77.5%
Treatment of Wounds	P.19. Manage wounds using laser	53	2.13	69.8%	52	2.07	73.1%	35	2.00	71.4%	80	2.10	75.0%

Task Domain	Task	25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	53	1.88	67.9%	52	2.00	71.2%	35	1.80	71.4%	80	2.13	80.0%
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	53	3.06	1.9%	52	3.33	0.0%	35	3.44	2.9%	80	3.54	2.5%
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	53	3.49	0.0%	52	3.65	0.0%	35	3.77	0.0%	80	3.77	2.5%
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	53	3.53	0.0%	52	3.60	0.0%	35	3.74	0.0%	80	3.76	0.0%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	53	3.33	3.8%	52	3.27	0.0%	35	3.16	11.4%	80	3.26	7.5%
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	53	3.40	0.0%	52	3.69	0.0%	35	3.89	0.0%	80	3.81	0.0%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	53	2.90	1.9%	52	2.92	3.8%	35	3.00	8.6%	80	2.79	6.3%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	53	3.35	1.9%	52	3.56	0.0%	35	3.74	0.0%	80	3.55	0.0%
Treatment of Wounds	P.28. Manage the following complications: bleeding	53	3.11	0.0%	52	3.29	0.0%	35	3.49	0.0%	80	3.56	0.0%
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	53	2.94	0.0%	52	3.06	0.0%	35	3.17	0.0%	80	3.13	0.0%
Treatment of Wounds	P.30. Manage the following complications: adverse events	53	3.04	0.0%	52	3.19	0.0%	35	3.37	0.0%	80	3.31	0.0%
Treatment of Wounds	P.31. Manage the following complications: scarring	53	2.55	0.0%	52	2.65	1.9%	35	2.71	2.9%	80	2.53	12.5%
Treatment of Wounds	P.32. Manage the following complications: infection	53	3.49	0.0%	52	3.65	0.0%	35	3.83	0.0%	80	3.68	0.0%
Treatment of Wounds	P.33. Address and manage nutritional deficits	53	2.81	0.0%	52	3.00	0.0%	35	3.40	0.0%	80	3.21	3.8%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	53	2.62	1.9%	52	2.94	0.0%	35	3.09	0.0%	80	2.94	3.8%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	53	3.17	1.9%	52	3.48	0.0%	35	3.51	0.0%	80	3.50	0.0%
Treatment of Wounds	P.36. Educate on wound healing environment	53	3.21	0.0%	52	3.29	0.0%	35	3.37	0.0%	80	3.45	0.0%

Task Domain	Task	25% to 49%			50% to 74%			75% to 99%			100%		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	53	3.50	1.9%	52	3.48	0.0%	35	3.69	0.0%	80	3.63	0.0%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	53	3.23	0.0%	52	3.38	0.0%	35	3.51	0.0%	80	3.56	0.0%
Wound Prevention	P.39. Recommend and prescribe preventive measures	53	3.30	0.0%	52	3.35	0.0%	35	3.60	0.0%	80	3.64	0.0%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	53	3.11	0.0%	52	3.21	0.0%	35	3.69	0.0%	80	3.50	0.0%
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	53	2.88	1.9%	52	2.98	0.0%	35	3.06	0.0%	80	2.98	0.0%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	53	2.73	1.9%	52	2.81	0.0%	35	2.80	0.0%	80	2.90	1.3%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	53	3.08	1.9%	52	3.33	0.0%	35	3.29	0.0%	80	3.33	2.5%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	53	2.86	5.7%	52	2.77	0.0%	35	2.70	5.7%	80	2.96	1.3%
Professional Issues	P.45. Apply principles of evidence-based medicine	53	3.06	1.9%	52	3.06	0.0%	35	3.00	0.0%	80	3.33	0.0%
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	53	3.12	1.9%	52	3.17	0.0%	35	3.17	0.0%	80	3.21	0.0%
Professional Issues	P.47. Follow confidentiality and security regulations	53	3.19	0.0%	52	3.40	0.0%	35	3.63	0.0%	80	3.40	0.0%

Table L.100. CWSP Importance of Tasks by Primary Placement

Task Domain	Task	Overall			Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.1. Obtain patient history	294	3.64	0.7%	59	3.71	1.7%	2	4.00	0.0%	21	3.29	0.0%
Assessment and Diagnosis	P.2. Perform physical examination	294	3.72	1.7%	59	3.79	1.7%	2	4.00	0.0%	21	3.33	0.0%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	294	3.54	1.4%	59	3.60	3.4%	2	4.00	0.0%	21	3.10	0.0%
Assessment and Diagnosis	P.4. Determine etiology of the wound	294	3.73	1.0%	59	3.76	1.7%	2	4.00	0.0%	21	3.62	0.0%
Assessment and Diagnosis	P.5. Assess wound healing status	294	3.73	1.0%	59	3.79	1.7%	2	4.00	0.0%	21	3.62	0.0%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	294	3.78	1.0%	59	3.81	1.7%	2	4.00	0.0%	21	3.57	0.0%
Assessment and Diagnosis	P.7. Assess wound characteristics	294	3.65	0.7%	59	3.72	1.7%	2	4.00	0.0%	21	3.48	0.0%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	294	3.05	3.7%	59	2.95	5.1%	2	4.00	0.0%	21	2.59	19.0%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	294	2.71	28.2%	59	2.63	11.9%	2	4.00	50.0%	21	2.40	52.4%
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	294	3.13	5.4%	59	2.89	8.5%	2	4.00	0.0%	21	3.48	0.0%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	294	2.68	21.1%	59	2.65	18.6%	2	4.00	50.0%	21	2.47	19.0%
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	294	2.57	22.8%	59	2.73	30.5%	2	3.00	50.0%	21	2.07	28.6%
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems:	294	2.72	30.3%	59	2.87	22.0%	2		100.0 %	21	2.38	38.1%

Task Domain	Task	Overall			Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
	Infectious Diseases Society of America (IDSA) guidelines												
Treatment of Wounds	P.14. Manage wounds using debridement	289	3.77	1.0%	59	3.83	1.7%	2	4.00	0.0%	21	3.52	0.0%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	289	2.79	21.8%	59	2.53	27.1%	2	3.00	50.0%	21	1.75	61.9%
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	289	2.15	64.0%	59	1.96	57.6%	2		100.0 %	21	1.50	61.9%
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	289	2.23	60.2%	59	2.03	50.8%	2	3.00	50.0%	21	1.57	66.7%
Treatment of Wounds	P.18. Manage wounds using diathermy	289	1.93	69.6%	59	1.96	59.3%	2		100.0 %	21	1.43	66.7%
Treatment of Wounds	P.19. Manage wounds using laser	289	2.06	73.4%	59	2.18	71.2%	2		100.0 %	21	2.00	85.7%
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	289	1.96	74.7%	59	1.90	66.1%	2		100.0 %	21	1.50	81.0%
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	289	3.29	5.9%	59	3.25	5.1%	2	4.00	0.0%	21	3.00	14.3%
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	289	3.61	2.1%	59	3.60	1.7%	2	4.00	0.0%	21	3.43	0.0%
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	289	3.65	1.0%	59	3.60	1.7%	2	4.00	0.0%	21	3.67	0.0%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	289	3.22	8.3%	59	3.35	6.8%	2	3.00	0.0%	21	2.50	23.8%
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	289	3.66	1.0%	59	3.64	1.7%	2	4.00	0.0%	21	3.81	0.0%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	289	2.96	6.2%	59	3.00	8.5%	2	3.00	0.0%	21	2.95	9.5%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	289	3.53	1.4%	59	3.48	1.7%	2	4.00	0.0%	21	3.24	0.0%
Treatment of Wounds	P.28. Manage the following complications: bleeding	289	3.34	1.4%	59	3.37	3.4%	2	4.00	0.0%	21	3.14	0.0%

Task Domain	Task	Overall			Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	289	3.08	1.4%	59	3.25	3.4%	2	3.50	0.0%	21	2.71	0.0%
Treatment of Wounds	P.30. Manage the following complications: adverse events	289	3.24	1.4%	59	3.35	3.4%	2	3.50	0.0%	21	2.90	0.0%
Treatment of Wounds	P.31. Manage the following complications: scarring	289	2.60	6.2%	59	2.77	5.1%	2	2.00	0.0%	21	2.15	4.8%
Treatment of Wounds	P.32. Manage the following complications: infection	289	3.63	1.0%	59	3.66	1.7%	2	4.00	0.0%	21	3.33	0.0%
Treatment of Wounds	P.33. Address and manage nutritional deficits	289	3.12	2.1%	59	3.03	1.7%	2	3.50	0.0%	21	3.05	0.0%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	289	2.89	2.4%	59	2.88	1.7%	2	3.00	0.0%	21	2.90	4.8%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	289	3.41	1.0%	59	3.45	1.7%	2	4.00	0.0%	21	3.19	0.0%
Treatment of Wounds	P.36. Educate on wound healing environment	289	3.35	0.3%	59	3.28	1.7%	2	4.00	0.0%	21	3.29	0.0%
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	292	3.59	1.4%	59	3.60	1.7%	2	3.50	0.0%	21	3.57	0.0%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	292	3.43	0.7%	59	3.31	1.7%	2	3.50	0.0%	21	3.43	0.0%
Wound Prevention	P.39. Recommend and prescribe preventive measures	292	3.50	1.0%	59	3.43	1.7%	2	4.00	0.0%	21	3.43	0.0%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	289	3.36	1.4%	59	3.35	3.4%	2	4.00	0.0%	21	3.30	4.8%
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	289	2.98	2.4%	59	3.09	6.8%	2	3.00	0.0%	21	2.76	0.0%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	289	2.78	2.1%	59	2.82	5.1%	2	3.00	0.0%	21	2.48	0.0%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	289	3.25	2.8%	59	3.30	3.4%	2	4.00	0.0%	21	2.75	4.8%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	289	2.89	3.1%	59	2.88	5.1%	2	3.00	0.0%	21	2.52	0.0%
Professional Issues	P.45. Apply principles of evidence-based medicine	289	3.18	0.7%	59	3.12	1.7%	2	3.50	0.0%	21	3.05	0.0%

Task Domain	Task	Overall			Hospital			Long-Term Acute Care Hospital			Long-Term Care Facility		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	289	3.18	0.7%	59	3.12	1.7%	2	3.50	0.0%	21	3.10	0.0%
Professional Issues	P.47. Follow confidentiality and security regulations	289	3.41	0.3%	59	3.36	1.7%	2	3.50	0.0%	21	3.10	0.0%

Table L.110. CWSP Importance of Tasks by Primary Placement (Cont.)

Task Domain	Task	Home Health			Wound Care Center			Private Practice			Educational Institution		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.1. Obtain patient history	5	3.60	0.0%	102	3.73	0.0%	78	3.58	1.3%	5	3.80	0.0%
Assessment and Diagnosis	P.2. Perform physical examination	5	3.20	0.0%	102	3.75	0.0%	78	3.76	3.8%	5	3.80	0.0%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	5	2.80	0.0%	102	3.62	0.0%	78	3.52	1.3%	5	3.80	0.0%
Assessment and Diagnosis	P.4. Determine etiology of the wound	5	3.00	0.0%	102	3.79	0.0%	78	3.66	2.6%	5	4.00	0.0%
Assessment and Diagnosis	P.5. Assess wound healing status	5	3.60	0.0%	102	3.77	0.0%	78	3.62	2.6%	5	4.00	0.0%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	5	3.60	0.0%	102	3.85	0.0%	78	3.71	2.6%	5	3.60	0.0%
Assessment and Diagnosis	P.7. Assess wound characteristics	5	3.40	0.0%	102	3.70	0.0%	78	3.58	1.3%	5	3.80	0.0%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	5	2.00	0.0%	102	3.25	0.0%	78	3.00	5.1%	5	3.00	0.0%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	5	2.00	20.0 %	102	2.63	44.1 %	78	2.92	15.4 %	5	2.33	40.0 %
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	5	2.60	0.0%	102	3.36	4.9%	78	2.94	7.7%	5	3.60	0.0%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	5	2.00	0.0%	102	2.67	23.5 %	78	2.98	23.1 %	5	2.25	20.0 %

Task Domain	Task	Home Health			Wound Care Center			Private Practice			Educational Institution		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	5	2.20	0.0%	102	2.44	22.5 %	78	2.82	20.5 %	5	2.00	20.0 %
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	5	2.00	0.0%	102	2.62	41.2 %	78	2.88	24.4 %	5	3.00	40.0 %
Treatment of Wounds	P.14. Manage wounds using debridement	5	3.80	0.0%	102	3.89	0.0%	78	3.71	2.6%	5	3.40	0.0%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	5	2.33	40.0 %	102	3.23	3.9%	78	2.57	28.2 %	5	2.75	20.0 %
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	5	2.00	40.0 %	102	2.42	74.5 %	78	2.42	60.3 %	5	1.00	60.0 %
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	5	2.25	20.0 %	102	2.45	69.6 %	78	2.52	60.3 %	5	1.00	60.0 %
Treatment of Wounds	P.18. Manage wounds using diathermy	5	2.00	60.0 %	102	2.05	79.4 %	78	2.22	70.5 %	5	1.50	60.0 %
Treatment of Wounds	P.19. Manage wounds using laser	5	2.00	60.0 %	102	2.00	76.5 %	78	2.24	73.1 %	5	1.00	40.0 %
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	5	2.00	60.0 %	102	2.15	80.4 %	78	2.15	74.4 %	5	1.00	60.0 %
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	5	2.80	0.0%	102	3.56	2.0%	78	3.07	10.3 %	5	3.50	20.0 %
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	5	3.40	0.0%	102	3.83	2.0%	78	3.43	3.8%	5	3.20	0.0%
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	5	3.40	0.0%	102	3.79	0.0%	78	3.59	2.6%	5	3.20	0.0%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	5	2.67	40.0 %	102	3.22	3.9%	78	3.26	10.3 %	5	3.75	20.0 %
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	5	3.40	0.0%	102	3.78	0.0%	78	3.46	2.6%	5	3.80	0.0%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	5	3.00	20.0 %	102	2.83	5.9%	78	2.96	3.8%	5	3.20	0.0%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	5	3.60	0.0%	102	3.60	0.0%	78	3.53	2.6%	5	3.25	20.0 %
Treatment of Wounds	P.28. Manage the following complications: bleeding	5	3.40	0.0%	102	3.46	0.0%	78	3.16	2.6%	5	3.60	0.0%
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	5	3.40	0.0%	102	3.05	0.0%	78	3.03	2.6%	5	3.40	0.0%
Treatment of Wounds	P.30. Manage the following complications: adverse events	5	3.40	0.0%	102	3.21	0.0%	78	3.24	2.6%	5	3.40	0.0%

Task Domain	Task	Home Health			Wound Care Center			Private Practice			Educational Institution		
		n	I	% NP	n	I	% NP	n	I	% NP	n	I	% NP
Treatment of Wounds	P.31. Manage the following complications: scarring	5	3.20	0.0%	102	2.48	7.8%	78	2.68	7.7%	5	2.20	0.0%
Treatment of Wounds	P.32. Manage the following complications: infection	5	3.60	0.0%	102	3.71	0.0%	78	3.58	2.6%	5	3.40	0.0%
Treatment of Wounds	P.33. Address and manage nutritional deficits	5	3.40	0.0%	102	3.19	2.9%	78	3.09	2.6%	5	3.00	0.0%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	5	2.80	0.0%	102	2.86	2.0%	78	2.92	3.8%	5	3.20	0.0%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	5	3.00	0.0%	102	3.46	0.0%	78	3.33	2.6%	5	3.80	0.0%
Treatment of Wounds	P.36. Educate on wound healing environment	5	3.00	0.0%	102	3.37	0.0%	78	3.31	0.0%	5	3.40	0.0%
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	5	3.40	0.0%	102	3.63	0.0%	78	3.51	3.8%	5	3.80	0.0%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	5	3.20	0.0%	102	3.55	0.0%	78	3.34	1.3%	5	3.80	0.0%
Wound Prevention	P.39. Recommend and prescribe preventive measures	5	3.20	0.0%	102	3.57	0.0%	78	3.46	2.6%	5	3.40	0.0%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	5	3.60	0.0%	102	3.46	1.0%	78	3.23	0.0%	5	3.20	0.0%
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	5	2.60	0.0%	102	2.92	0.0%	78	2.97	3.8%	5	3.00	0.0%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	5	2.40	0.0%	102	2.76	1.0%	78	2.87	2.6%	5	2.80	0.0%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	5	2.80	0.0%	102	3.31	1.0%	78	3.19	5.1%	5	3.60	0.0%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	5	2.40	0.0%	102	2.87	1.0%	78	2.99	5.1%	5	3.50	20.0 %
Professional Issues	P.45. Apply principles of evidence-based medicine	5	2.40	0.0%	102	3.27	0.0%	78	3.13	0.0%	5	3.75	20.0 %
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	5	2.60	0.0%	102	3.24	0.0%	78	3.12	1.3%	5	3.40	0.0%
Professional Issues	P.47. Follow confidentiality and security regulations	5	3.20	0.0%	102	3.47	0.0%	78	3.37	0.0%	5	3.80	0.0%

Table L.120. CWSP Importance of Tasks by Primary Placement (Cont.)

Task Domain	Task	Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP
Assessment and Diagnosis	P.1. Obtain patient history	3	3.33	0.0%	10	3.50	0.0%	9	3.78	0.0%
Assessment and Diagnosis	P.2. Perform physical examination	3	4.00	33.3%	10	3.50	0.0%	9	3.67	0.0%
Assessment and Diagnosis	P.3. Order and interpret laboratory tests and imaging studies	3	4.00	33.3%	10	3.70	0.0%	9	3.44	0.0%
Assessment and Diagnosis	P.4. Determine etiology of the wound	3	3.67	0.0%	10	3.80	0.0%	9	3.89	0.0%
Assessment and Diagnosis	P.5. Assess wound healing status	3	4.00	0.0%	10	3.70	0.0%	9	3.67	0.0%
Assessment and Diagnosis	P.6. Assess factors contributing to delayed wound healing	3	3.67	0.0%	10	3.80	0.0%	9	3.89	0.0%
Assessment and Diagnosis	P.7. Assess wound characteristics	3	3.67	0.0%	10	3.70	0.0%	9	3.56	0.0%
Assessment and Diagnosis	P.8. Evaluate wounds using the following standardized grading systems: Wagner scale	3	2.33	0.0%	10	3.00	0.0%	9	3.33	0.0%
Assessment and Diagnosis	P.9. Evaluate wounds using the following standardized grading systems: University of Texas wound classification system	3	1.33	0.0%	10	2.86	30.0%	9	3.00	11.1%
Assessment and Diagnosis	P.10. Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)	3	3.67	0.0%	10	2.60	0.0%	9	3.11	0.0%
Assessment and Diagnosis	P.11. Evaluate wounds using the following standardized grading systems: Rule of Nines	3	1.00	33.3%	10	2.22	10.0%	9	2.63	11.1%
Assessment and Diagnosis	P.12. Evaluate wounds using the following standardized grading systems: CEAP classification	3	1.33	0.0%	10	2.50	20.0%	9	2.89	0.0%
Assessment and Diagnosis	P.13. Evaluate wounds using the following standardized grading systems: Infectious Diseases Society of America (IDSA) guidelines	3	1.33	0.0%	10	2.78	10.0%	9	2.71	22.2%
Treatment of Wounds	P.14. Manage wounds using debridement	3	3.00	0.0%	10	3.50	0.0%	4	3.75	0.0%
Treatment of Wounds	P.15. Manage wounds using hyperbaric oxygen therapy	3	1.50	33.3%	10	2.00	30.0%	4	2.25	0.0%
Treatment of Wounds	P.16. Manage wounds using electrical stimulation	3	1.00	66.7%	10	2.00	50.0%	4	2.00	25.0%

Task Domain	Task	Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP
Treatment of Wounds	P.17. Manage wounds using ultrasound (contact and non-contact)	3	1.00	33.3%	10	2.40	50.0%	4	1.67	25.0%
Treatment of Wounds	P.18. Manage wounds using diathermy	3	1.00	33.3%	10	1.50	60.0%	4	1.33	25.0%
Treatment of Wounds	P.19. Manage wounds using laser	3	1.00	66.7%	10	2.20	50.0%	4	2.00	75.0%
Treatment of Wounds	P.20. Manage wounds using ultraviolet C	3	1.00	66.7%	10	1.33	70.0%	4	2.00	75.0%
Treatment of Wounds	P.21. Manage wounds using negative pressure wound therapy	3	3.33	0.0%	10	2.70	0.0%	4	3.75	0.0%
Treatment of Wounds	P.22. Manage wounds using compression therapy (static and dynamic)	3	3.33	0.0%	10	3.40	0.0%	4	3.75	0.0%
Treatment of Wounds	P.23. Manage wounds using dressings and topical agents	3	3.33	0.0%	10	3.40	0.0%	4	3.25	0.0%
Treatment of Wounds	P.24. Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)	3	3.00	0.0%	10	3.40	0.0%	4	3.50	0.0%
Treatment of Wounds	P.25. Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)	3	3.67	0.0%	10	3.90	0.0%	4	3.50	0.0%
Treatment of Wounds	P.26. Prescribe or manage analgesic medications (systemic and/or topical)	3	4.00	33.3%	10	3.40	0.0%	4	3.25	0.0%
Treatment of Wounds	P.27. Prescribe or manage antimicrobial therapy (systemic and/or topical)	3	3.00	0.0%	10	3.90	0.0%	4	3.50	0.0%
Treatment of Wounds	P.28. Manage the following complications: bleeding	3	3.00	0.0%	10	3.60	0.0%	4	3.50	0.0%
Treatment of Wounds	P.29. Manage the following complications: allergic reactions	3	2.33	0.0%	10	3.40	0.0%	4	3.50	0.0%
Treatment of Wounds	P.30. Manage the following complications: adverse events	3	2.33	0.0%	10	3.70	0.0%	4	3.25	0.0%
Treatment of Wounds	P.31. Manage the following complications: scarring	3	2.00	0.0%	10	3.00	0.0%	4	3.50	0.0%
Treatment of Wounds	P.32. Manage the following complications: infection	3	3.33	0.0%	10	3.90	0.0%	4	3.75	0.0%
Treatment of Wounds	P.33. Address and manage nutritional deficits	3	2.00	0.0%	10	3.30	0.0%	4	3.25	0.0%
Treatment of Wounds	P.34. Address psychosocial aspects of patient care	3	2.33	0.0%	10	3.10	0.0%	4	3.00	0.0%
Treatment of Wounds	P.35. Identify the need for consultations and make referrals	3	3.00	0.0%	10	3.70	0.0%	4	3.50	0.0%
Treatment of Wounds	P.36. Educate on wound healing environment	3	3.67	0.0%	10	3.80	0.0%	4	3.75	0.0%

Task Domain	Task	Industry			Government Agency			No Response		
		n	I	% NP	n	I	% NP	n	I	% NP
Wound Prevention	P.37. Identify patient risk factors (e.g., obesity, diabetes, vascular disease)	3	4.00	0.0%	10	3.40	0.0%	7	3.86	0.0%
Wound Prevention	P.38. Educate patients, families, caregivers, and ancillary staff	3	3.33	0.0%	10	3.30	0.0%	7	3.71	0.0%
Wound Prevention	P.39. Recommend and prescribe preventive measures	3	3.67	0.0%	10	3.50	0.0%	7	3.71	0.0%
Professional Issues	P.40. Comply with documentation requirements (e.g., legal, reimbursement)	3	4.00	0.0%	10	3.40	0.0%	4	3.25	0.0%
Professional Issues	P.41. Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)	3	3.33	0.0%	10	3.30	0.0%	4	3.50	0.0%
Professional Issues	P.42. Identify and respond to issues related to medical economics (e.g., costs, accountable care)	3	4.00	0.0%	10	3.00	0.0%	4	1.50	0.0%
Professional Issues	P.43. Determine appropriate levels of care (e.g., inpatient vs. outpatient)	3	3.67	0.0%	10	3.50	0.0%	4	3.50	0.0%
Professional Issues	P.44. Incorporate a critical evaluation of literature to practice	3	3.33	0.0%	10	3.00	0.0%	4	3.00	0.0%
Professional Issues	P.45. Apply principles of evidence-based medicine	3	3.67	0.0%	10	3.10	0.0%	4	3.25	0.0%
Professional Issues	P.46. Adhere to guidelines and regulations (e.g., professional, governmental, credentials)	3	3.33	0.0%	10	3.60	0.0%	4	3.50	0.0%
Professional Issues	P.47. Follow confidentiality and security regulations	3	4.00	0.0%	10	3.70	0.0%	4	3.75	0.0%

# Appendix M: Open-Ended Responses

Table M.13. CWCA Open-Ended Responses

CWCA Knowledge Topics
Care setting
I am not sure if this is a thing or not, but my biggest challenge on the job was dealing with surgeons and doctors who still recommended outdated wound care practices for their patients. I found myself torn between doing what I personally know is right and would guarantee a favorable outcome or following the doctor's order. Sometimes I did what I knew and the doctor was happy that the patient healed. However they didn't know that I did not follow their recommendation. Then there were times if I was being brow beaten or watched, I would do what I was told and the patient suffered or their healing took longer. I really struggled with this. In my training it would have been nice to have a small segment dedicated to professional issues. Sometimes in certain areas I feel that the doc regarded me as a quack and despite the great patient outcomes I was producing, it was a power/ego struggle for them. I am currently an LPN in school trying to complete my RN and then BSN. I recently quit my job to focus on the last part of my schooling. However I really love wound care and feel like it is my calling. I was trained by some really great and smart nurses. They used to tell me that the doctor what probably intimidated because an LPN knew more about healing a wound than they did and they are surgeons. I am hoping that once I get my RN that maybe the confidence in me will increase because I appear to have a higher level of knowledge. Sorry for the long response and thank you!
Resources available to patients
Products area limited with certain diagnosis and wounds; best to manage wound given the limitations by Medicare/Medicaid patient/family education, interdisciplinary education for families and non-licensed caregivers, palliative wound care management peristomal skin, i.e. trach, peg, stoma.....
Effects of daily vitamins and also immobility.
DME utilization
skin substitutes
Covid19 influences
Patient education
Hyperbaric
Patient satisfaction/compliance with care, follow ups
Neonatal wounds (caused by equipment)
covid 19
Time constraints

CWCA Task List
Ordering appropriate wound care supplies
Create/begin a research study on a new dressing combination to leads to wound healing.
Options for low income patients with assistance acquiring medications especially in rural areas
Arrange home health and educate on wound care

Table M.2. CWS Open-Ended Responses

CWS Knowledge Topics
Just took the test. Harder than I expected. Very cellular heavy. Not sure how that effects my practice as an RN
Choice of arterial ulcers is not there in etiology
Underlying autoimmune disorders cause of wounds
Being a patient advocate when healing wounds is important.
Accountability
the test overemphasizes the naming of parts. it is far more important to know about function than to know what each tendon is called.
Patient interaction, geriatric, foot deformities, balance, Charcot, post amputation
infection prevention
home health collaboration
Factors affecting incontinence
Lymphedema, lipedema
Patient / family education
total contact casting
patient education approaches
Skin fragility with age
limited staffing due to pandemic and burnout
COVID related issues
Alternatives to expensive treatments for indigent/low income patients. Too many costly options. Years ago we packed ulcers with table sugar and glycerine and wounds healed fast and clean.
Family dynamics and support
biomechanical and nail issues
pulsed lavage with suction
I'm no longer practicing, and my CWCA expired in 2021

advanced wound products need to identify more clearly product ingredients to better choose optimal product for the wound
Race/ethnic considerations
availability/limits of dressing selection due to practice setting or depends on insurance coverage etc
Knowledge of pressure reducing devices
Patient Education. This could be listed under Patient Management but it should remain a separate topic. It is should not be lumped in with patient adherence.
Wheelchair seating and position in wc
Patient psychosocial issues
Ostomy related wounds
plastic surgery, plastic dressing
atypical -pyoderma gangrenosum; cutaneous leishmaniasis
Age related factors eg skin tears
Biotherapy
Pyoderma Gangrenosum
Vascular assessment for all DFUs
Finding a CWS position in a wound care clinic
Coding
Reimbursement/coding
Medical device injury
Updated dressing options
Not sure you covered DElbissues
Level of knowledge of providers that orders specific treatments
Professional education and peer supervision
Complications of aging
patient knowledge and interest , lack of commitment
Product selection/ research
CWS test is too difficult
Medications, odor control, pulse lavage irrigation in wound cleansing,
Diversity in wound assessment, prognosis and wound care
off-loading
Patient education
case management-pyschosocial needs of patient

Airway management/ head and neck, trach issues
Larval debridement, proteases
Psychosocial considerations and social determinants of health
Teaching of bedside nursing staff
dressing supply coverage/ frequency of dressing changes
Total contact casting intervention
Utilizing the whole team together rather than remaining in silos (i.e. wound care team collaborating with surgeons and vice versa, rather than an either/or relationship)
pulsed lavage with suction, medications
End of life
Positioning
Behavior or residents compliance and importance in education
Casting, diabetic off loading, atypical wounds, challenges with socioeconomic issues
Reading imaging /Studies . Interpreting the results. When you recommend pressure mapping
Wasnt sure if ultrasound referred to LFU - if so this is very important
lest risk
Use of minimally invasive procedures for limb salvage
Medications (PO and IV) I do not prescribe do in depth knowledge not necessary for my profession/practice
Adjuncts to care (e.g. orthotics, casts, custom shoes)
antimicrobial stewardship
atypical wounds
General ostomy and fistula care
Cost effective wound care for patients with limited resources. Also Patient ability to care for wound in consideration of dressings.
Best practice Wound guidelines or protocols
Ostomy's
Total Contact Casting
Social determinants of health
Use of Ultrasonic debridement vs. therapeutic ultrasound should be specified
Biotherapies
maintenance and palliative care wounds - how to address and handle thses as the population is living longer with chronic, progressive illnesses - not all wounds will heal - education is crucial to understand maintenance and palliative wound management. Also huge is patient/family education and setting realistic expectations

Availability of new products (pharmacology) medications affecting wound healing, fungating wounds, atypical wounds, calciphylaxis, pyoderma
Malignant wounds/Etiology/Care
biofilms
covid related conditions perhaps and impacts on skin
wound care supply product knowledge
Bio mechanical.
taking clinical decisions based on scientific evidence and near-infrared spectroscopy as a diagnostic tool
Bariatrics
Clinical decision making/critical thinking, ethical issues, Covid skin manifestations and how it relates to its management
Off loading
Advance documentation software/products - photos etc.
Scar management
be sure to include newer concepts, like the importance of controlling pain to promote healing, and if you include any dressing categories, please include ALL of them (this article does a good job of that: 1. Dabiri G, Damstetter E, Phillips T. Choosing a Wound Dressing Based on Common Wound Characteristics. <i>Advances in Wound Care</i> [Internet]. 2014 Dec 1 [cited 2016 Jun 28];5(1):32–41. Available from: <a href="http://online.liebertpub.com/doi/full/10.1089/wound.2014.0586">http://online.liebertpub.com/doi/full/10.1089/wound.2014.0586</a> )
Culture and DEI
lymphedema, lipedema
Psychological factors and access
Biological, TCC, grafting
atypical wounds
<b>CWS Task List</b>
Communication with patient follow-up. Also consults with other assigned health care practitioners.
educate caregivers how to carry out tasks as appropriate
Palliative wound care
timing and pacing challenges
biomechanical assessment
availability of dressing change by patient own, or support system - nursing staff/ non medical staff include family members or SO
helping people to afford some needed treatments
Follow ethics of my particular profession
CWS test unfairly difficult

Address psychosocial barriers as able with additional resources/references when possible; advocate for patient's needs for imaging/labs/biopsies
address functional limitations that may affect or cause wound, develop appropriate exercise program depending on the wound etiology, assess the need for assistive device, construct off-loading device for DFU, apply total contact cast, perform wheelchair assessment and adapt as needed for patient's wound, assess gait as it applies to wound
Long term care
Patient access to care and compliance
Periwound skin care
product selection
Dressing considerations
Determine plan of care/wound dressings based upon evaluation and knowledge/skill on performing wound culture
skin tear grading system
Telemedicine and telehealth referral
Function as a member of multidisciplinary team
Ability self care

Table M.3. CWSP Open-Ended Responses

CWSP Knowledge Topics
Quantitative assessment of bioburden by species
Diversity and equity in wound care
Patient and family education
Osteomyelitis
Fistula, ostomy, hyperbaric oxygen therapy, tcpo2, vascular evaluation with other methods
Diversity issues in wound healing: wound assessments, disparities in care, other related issues
alternative therapies like Omegas and CBD/hemp extract
More emphasis on team approach, ie all wound care centers should have a comprehensive team.
Lifestyle Medicine
Use of ancillary personnel to provide services, LPN, RN Med Tech
resource availability in poor resource setting
surgical debridement techniques
I expected to use the parkland formula, have more about nutrition/healing, and more anatomy-based questions
Radiation Effects

LIPIDEMA VS LYMPHEDEMA - WOUND HEALING RELATIONS
Advanced wound dressing as in grafts, flaps etc.
PATIENT ACCESSABILITY
Gender transgender
Coding
research topics (lab or clinic)
Communication with primary teams and surgical teams, rheumatologic disease
Coding would be helpful
management of patient expectations
Assistive device for nwb
Patient education and understanding and relationship. Most cases it is very important if treatment plan is going to work.
Punch Bx; indications and technique
chronic osteomyelitis; delayed radiation injury
Topical antibiotics, financial considerations of wound care
biotechnology
Differential diagnosis IE: Pyoderma, vasculitis, hidradenitis etc.
cost analysis and comparison
PCR diagnostics, quantification of bioburden, differentiation between specimen contamination (bad collection - insufficient or slough) and quantitative assessment of treatment efficacy.
Alternative naturopathic/homeopathic therapies
practicing providers have to training in chronic wound care and preferably certification, just been a general surgeon, does not mean they know how to treat chronic wounds. Also may I suggest to change name to chronic wound care, instead of just wound care
palliative care of wounds; cellular tissue products;
Rehabilitation post healing
genetic, epigenetic component, SNPs
Management of skin grafts and flaps for wound reconstruction - aftercare
Presentations of wounds in multi-ethnic populations
CWSP Task List
Quantitative Assessment of bioburden, species identification and pharmacologic treatment.
Biofilm management, wound hygiene
omega fatty acids and CBD/hemp botanical medicines
WFNI classification (Wound, Ischemia, foot Infection)
ISTAP/STAR/Payne-Martin,

I use WIFI classification
Punch Bx
the importance of biopsy, lab monitoring / interpretation, imaging ( and proper use )/ interpretation etc. and culture
Pathology consultation
Alternative medicine principles and practice

# Appendix N. Final Test Content Outline for CWCA

## Knowledge Topic List

Domain 1. Wound Healing Environment (26%, 26 items)	Total Items	Cognitive Level Breakdown		
		Recall	Application	Analysis
		26	22	4
A. Anatomy and Physiology				
1. Integumentary				
2. Musculoskeletal				
3. Vascular				
4. Neurological				
5. Lymphatic				
6. Other systems (e.g., endocrine, renal, respiratory, immunologic)				
B. Wound Healing				
1. Phases				
2. Cell function (e.g., signaling proteins, cellular mediators)				
3. Acute vs. chronic				
Domain 2. Assessment and Diagnosis (24%, 24 items)	Total Items	Cognitive Level Breakdown		
		Recall	Application	Analysis
		24	13	9
A. History				
B. Physical examination				
C. Wound and skin assessment				
D. Pain assessment				
E. Risk assessment				
F. Functional assessment				
G. Laboratory/Imaging/Biopsy				
H. Nutrition				
Domain 3. Patient Management (20%, 20 items)	Total Items	Cognitive Level Breakdown		
		Recall	Application	Analysis
		20	8	9
A. Wound bed preparation/debridement				
B. Dressings				
C. Cellular and/or tissue products for wounds				
D. Topical agents				
E. Complications in healing (e.g., biofilm management, infection, systemic factors)				
F. Nutrition				

G. Biophysical technologies				
1. Electrical stimulation				
2. Ultrasound				
H. Compression therapy				
I. Negative pressure wound therapy				
J. Hyperbaric oxygen therapy				
K. Pressure redistribution (i.e., offloading)				
L. Surgical closure or tissue transfer				
M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)				
<b>Domain 4. Etiological Considerations (19%, 19 items)</b>	<b>Total Items</b>	<b>Cognitive Level Breakdown</b>		
	<b>19</b>	<b>Recall</b>	<b>Application</b>	<b>Analysis</b>
A. Neuropathy				
B. Diabetes				
C. Venous insufficiency				
D. Ischemia				
E. Pressure related wounds				
F. Lymphedema				
G. Trauma				
H. Surgical/surgical procedure				
I. Atypical etiologies (e.g., malignancy, medication-induced)				
J. Dermatological				
K. Infectious				
L. Burns				
M. Edema (i.e., systemic vs. local)				
N. Pediatric Issues				
O. Inflammatory				
<b>Domain 5. Professional Issues (11%, 11 items)</b>	<b>Total Items</b>	<b>Cognitive Level Breakdown</b>		
	<b>11</b>	<b>Recall</b>	<b>Application</b>	<b>Analysis</b>
A. Documentation/legal concepts				
B. Patient adherence (e.g., socioeconomic factors, ability to comply, patient education)				
C. Reimbursement and medical economics				
D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)				
E. Multidisciplinary teams				
F. Epidemiology				
G. Evidence-based practice and research				

## Task List

<b>Patient Preparation</b>
A1 Ensure proper cleaning of examination rooms between patients (e.g., OSHA guidelines, sanitation, infection control)
A2 Disinfect equipment
A3 Perform safe patient handling techniques
A4 Assist in obtaining health and medication history
A5 Obtain recent nutritional history and needs
A6 Take and monitor vital signs
A7 Photograph the wound
A8 Assist with ensuring aseptic or sterile techniques for procedures
A9 Set up equipment for procedures
A10 Prepare wound for procedures (e.g., cleansing, removing dressings, topically anesthetize)
<b>Patient Assessment</b>
A11 Assess, or assist with assessing blood flow (e.g., perform Doppler, check pulses, Ankle Brachial Index)
A12 Assess, or assist with assessing for risk of pressure wound development
A13 Assess, or assist with assessing level of pain
A14 Assess, or assist with assessing edema (e.g., limb circumference, volume)
A15 Assess, or assist with assessing functional status (e.g., ambulatory status, mobility)
A16 Assess, or assist with assessing skin (e.g., for color, swelling, and temperature)
A17 Assess, or assist with assessing wound and periwound characteristics (e.g., stage, partial vs full thickness)
A18 Assess, or assist with assessing sensory function (e.g., monofilament testing, vibration testing)
A19 Identify psychosocial barriers (e.g., cognitive, financial, religious/cultural)
A20 Assess and describe wound characteristics (e.g., tissue type, measurements, amount of drainage, type of drainage)
<b>Treatment</b>
A21 Apply, or assist with appropriate dressings
A22 Apply, or assist with compression wraps and stockings
A23 Apply, or assist with barrier products
A24 Remove, or assist with staples or sutures
A25 Apply, or assist with offloading systems
A26 Assist with application of cellular and/or tissue products
A27 Assist with biopsy
A28 Assist with or perform negative pressure wound therapy application or removal

A29 Assist with or perform debridement
A30 Assist with or perform culture/aspiration
A31 Assist with or perform wound irrigation or cleansing
A32 Assist with or perform biophysical technologies (e.g., electrical stimulation, ultrasound)
<b>Education</b>
A33 Provide education or demonstrate an understanding of offloading and/or pressure relief
A34 Provide education or demonstrate an understanding of wound care protocols rationale
A35 Provide education or demonstrate an understanding of therapeutic interventions (e.g., dressings, wound products, negative pressure, compression systems)
A36 Provide education or demonstrate an understanding of medication reconciliation
A37 Provide education or demonstrate an understanding of lifestyle changes (e.g., smoking cessation, diet, nutrition)
A38 Provide education or demonstrate an understanding of disease process
A39 Provide education or demonstrate an understanding of diagnostic testing
A40 Provide education or demonstrate an understanding of skin care
A41 Provide education or demonstrate an understanding of pain management
A42 Provide education or demonstrate an understanding of universal/standard precautions
A43 Provide education or demonstrate an understanding of positioning and mobility
<b>Professional Issues</b>
A44 Document patient information (e.g., medications, progress, billing, photographs)
A45 Coordinate wound care with supervisor and other team members
A46 Consider financial implications of selected interventions
A47 Follow confidentiality and security regulations
A48 Read current literature on wound care trends
A49 Recognize strength of evidence related to research
A50 Adhere to professional ethical guidelines

# Appendix O. Final Test Content Outline for CWS

## Knowledge Topic List

Domain 1. Wound Healing Environment (18.4%, 23 items)	Total Items	Cognitive Level Breakdown		
		Recall	Application	Analysis
		23	14	7
A. Anatomy and Physiology				
1. Integumentary				
2. Musculoskeletal				
3. Vascular				
4. Neurological				
5. Lymphatic				
6. Other systems (e.g., endocrine, renal, respiratory, immunologic)				
B. Wound Healing				
1. Phases				
2. Cell function (e.g., signaling proteins, cellular mediators)				
3. Acute vs. chronic				
Domain 2. Assessment and Diagnosis (27.2%, 34 items)	Total Items	Cognitive Level Breakdown		
		Recall	Application	Analysis
		34	7	17
A. History				
B. Physical examination				
C. Wound and skin assessment				
D. Pain assessment				
E. Risk assessment				
F. Functional assessment				
G. Laboratory/Imaging/Biopsy				
H. Nutrition				
Domain 3. Patient Management (24%, 30 items)	Total Items	Cognitive Level Breakdown		
		Recall	Application	Analysis
		30	4	15
A. Wound bed preparation/debridement				
B. Dressings				
C. Cellular and/or tissue products for wounds				
D. Topical agents				
E. Complications in healing (e.g., biofilm management, infection, systemic factors, bariatrics, pharmacological)				

F. Nutrition				
G. Biophysical technologies				
1. Electrical stimulation				
2. Ultrasound				
H. Compression therapy				
I. Negative pressure wound therapy				
J. Hyperbaric oxygen therapy				
K. Pressure redistribution (i.e., offloading)				
L. Surgical closure or tissue transfer				
M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)				
N. Ostomy				
<b>Domain 4. Etiological Considerations (20.8%, 26 items)</b>	<b>Total Items</b>	<b>Cognitive Level Breakdown</b>		
	<b>26</b>	<b>Recall</b>	<b>Application</b>	<b>Analysis</b>
A. Neuropathy				
B. Diabetes				
C. Venous insufficiency				
D. Ischemia				
E. Pressure related wounds				
F. Lymphedema				
G. Trauma				
H. Surgical/surgical procedure				
I. Atypical etiologies (e.g., malignancy, medication-induced)				
J. Dermatological				
K. Infectious				
L. Burns				
M. Edema (i.e., systemic vs. local)				
N. Pediatric Issues				
O. Inflammatory				
<b>Domain 5. Professional Issues (9.6%, 12 items)</b>	<b>Total Items</b>	<b>Cognitive Level Breakdown</b>		
	<b>12</b>	<b>Recall</b>	<b>Application</b>	<b>Analysis</b>
A. Documentation/legal concepts				
B. Patient adherence (e.g., socioeconomic factors, ability to comply)				
C. Reimbursement and medical economics				
D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)				
E. Multidisciplinary teams				
F. Epidemiology				
G. Evidence-based practice and research				

## Task List

<b>History and Physical Examination</b>
S1 Obtain history of present illness (e.g., wound duration, etiology, previous treatments, medication reconciliation, and comorbidities)
S2 Interpret vital signs
S3 Assess circulatory system
S4 Assess integumentary system
S5 Assess musculoskeletal system
S6 Assess neurological system
S7 Assess cardiopulmonary system
S8 Assess limb volume
S9 Assess pain level
S10 Assess tissue oxygenation
<b>Evaluation and Diagnosis</b>
S11 Assess wound healing status
S12 Assess factors related to delayed wound healing
S13 Assess barriers to the plan of care and expected outcomes (e.g., psychosocial, financial, religious/cultural)
S14 Assess wound characteristics
S15 Evaluate wounds using the following standardized grading systems: Wagner scale
S16 Evaluate wounds using the following standardized grading systems: University of Texas wound classification system
S17 Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)
S18 Evaluate wounds using the following standardized grading systems: Rule of Nines
S19 Evaluate wounds using the following standardized grading systems: CEAP classification
S20 Perform risk assessment
S21 Review or interpret laboratory, imaging, and test results
S22 Determine the etiology of the wound
<b>Treatment</b>
S23 Establish realistic goals
S24 Perform techniques to cleanse the wound and reduce bioburden
S25 Debride the wound
S26 Apply dressings to the wound
S27 Manage at-risk skin and periwound
S28 Apply compression therapy
S29 Use advanced therapeutic adjunctive treatments (e.g., negative pressure wound therapy, ultrasound, hyperbaric oxygen)
S30 Apply offloading device for the lower extremity

S31 Use support surface for pressure relief/reduction
S32 Address the nutritional needs of the patient
S33 Assist with or apply cellular and/or tissue products
S34 Assist with or apply tissue grafts and flaps
S35 Manage cellular and/or tissue products
S36 Manage tissue grafts and flaps
S37 Use advanced topical therapeutic agents (e.g., becaplermin, collagenase)
<b>Continuum of Care</b>
S38 Discuss and review the plan of care
S39 Educate patient/family/caregiver on disease management and prevention
S40 Monitor laboratory values
S41 Refer patients to consultants/specialist
S42 Educate on wound healing environment
<b>Professional Practice</b>
S43 Interpret research methodology and strength of evidence
S44 Follow confidentiality and security requirements
S45 Adhere to guidelines and regulations (e.g., professional, governmental, reimbursement, credentials)
S46 Perform complete wound care documentation

# Appendix P. Final Test Content Outline for CWSP

## Knowledge Topic List

Domain 1. Wound Healing Environment (21.3%, 32 items)	Total Items	Cognitive Level Breakdown		
		Recall	Application	Analysis
		32	24	6
A. Anatomy and Physiology				
1. Integumentary				
2. Musculoskeletal				
3. Vascular				
4. Neurological				
5. Lymphatic				
6. Other systems (e.g., endocrine, renal, respiratory, immunologic)				
B. Wound Healing				
1. Phases				
2. Cell function (e.g., signaling proteins, cellular mediators)				
3. Acute vs. chronic				
Domain 2. Assessment and Diagnosis (26.7%, 40 items)	Total Items	Cognitive Level Breakdown		
		Recall	Application	Analysis
		40	20	10
A. History				
B. Physical examination				
C. Wound and skin assessment				
D. Pain assessment				
E. Risk assessment				
F. Functional assessment				
G. Laboratory/Imaging/Biopsy				
H. Nutrition				
Domain 3. Patient Management (24.7%, 37 items)	Total Items	Cognitive Level Breakdown		
		Recall	Application	Analysis
		37	7	15
A. Wound bed preparation/debridement				
B. Dressings				
C. Cellular and/or tissue products for wounds				
D. Topical agents				
E. Complications in healing (e.g., biofilm management, infection, systemic factors)				
F. Nutrition				

G. Biophysical technologies				
1. Electrical stimulation				
2. Ultrasound				
H. Compression therapy				
I. Negative pressure wound therapy				
J. Hyperbaric oxygen therapy				
K. Pressure redistribution (i.e., offloading)				
L. Surgical closure or tissue transfer				
M. Case review (e.g., analyzing labs/imaging, outliers, prognosis, synthesis of data)				
<b>Domain 4. Etiological Considerations (18.0%, 27 items)</b>	<b>Total Items</b>	<b>Cognitive Level Breakdown</b>		
	<b>27</b>	<b>Recall</b>	<b>Application</b>	<b>Analysis</b>
A. Neuropathy				
B. Diabetes				
C. Venous insufficiency				
D. Ischemia				
E. Pressure related wounds				
F. Lymphedema				
G. Trauma				
H. Surgical/surgical procedure				
I. Atypical etiologies (e.g., malignancy, medication-induced)				
J. Dermatological				
K. Infectious				
L. Burns				
M. Edema (i.e., systemic vs. local)				
N. Pediatric Issues				
O. Inflammatory				
<b>Domain 5. Professional Issues (9.3%, 14 items)</b>	<b>Total Items</b>	<b>Cognitive Level Breakdown</b>		
	<b>14</b>	<b>Recall</b>	<b>Application</b>	<b>Analysis</b>
A. Documentation/legal concepts				
B. Patient adherence (e.g., socioeconomic factors, ability to comply)				
C. Reimbursement and medical economics				
D. Medical ethics (e.g., palliative care, reasonable expectation of outcomes)				
E. Multidisciplinary teams				
F. Epidemiology				
G. Evidence-based practice and research				

## Task List

<b>Assessment and Diagnosis</b>
P1 Obtain patient history
P2 Perform physical examination
P3 Order and interpret laboratory tests and imaging studies
P4 Determine etiology of the wound
P5 Assess wound healing status
P6 Assess factors contributing to delayed wound healing
P7 Assess wound characteristics
P8 Evaluate wounds using the following standardized grading systems: Wagner scale
P9 Evaluate wounds using the following standardized grading systems: University of Texas wound classification system
P10 Evaluate wounds using the following standardized grading systems: NPIAP (e.g., stages, unstageable, deep tissue injuries)
P11 Evaluate wounds using the following standardized grading systems: Rule of Nines
P12 Evaluate wounds using the following standardized grading systems: CEAP classification
<b>Treatment of Wounds</b>
P13 Manage wounds using debridement
P14 Manage wounds using hyperbaric oxygen therapy
P15 Manage wounds using electrical stimulation
P16 Manage wounds using ultrasound (contact and non-contact)
P17 Manage wounds using negative pressure wound therapy
P18 Manage wounds using compression therapy (static and dynamic)
P19 Manage wounds using dressings and topical agents
P20 Manage wounds using surgical procedures (e.g., tissue grafts and/or flaps, cellular and/or tissue products)
P21 Manage wounds using offloading measures (e.g., beds, shoes, seat cushions, casts)
P22 Prescribe or manage analgesic medications (systemic and/or topical)
P23 Prescribe or manage antimicrobial therapy (systemic and/or topical)
P24 Manage the following complications: bleeding
P25 Manage the following complications: allergic reactions
P26 Manage the following complications: adverse events
P27 Manage the following complications: scarring
P28 Manage the following complications: infection
P29 Address and manage nutritional deficits
P30 Address psychosocial aspects of patient care
P31 Identify the need for consultations and make referrals
P32 Educate on wound healing environment
<b>Wound Prevention</b>

P33 Identify patient risk factors (e.g., obesity, diabetes, vascular disease)
P34 Educate patients, families, caregivers, and ancillary staff
P35 Recommend and prescribe preventive measures
<b>Professional Issues</b>
P36 Comply with documentation requirements (e.g., legal, reimbursement)
P37 Identify and respond to issues related to medical ethics (e.g., off label use, patient competency)
P38 Identify and respond to issues related to medical economics (e.g., costs, accountable care)
P39 Determine appropriate levels of care (e.g., inpatient vs. outpatient)
P40 Incorporate a critical evaluation of literature to practice
P41 Apply principles of evidence-based medicine
P42 Adhere to guidelines and regulations (e.g., professional, governmental, credentials)
P43 Follow confidentiality and security regulations

# Appendix Q. Evaluation Results

Table P.14. Expert Panel Meeting Evaluation

Statement (5 = Excellent, 1 = Poor)	Mean Response
How would you rate the facilitator's communication of the goals and purposes of the meeting?	4.38
How would you rate the facilitator's effectiveness in achieving the stated goals and purposes of the meeting?	4.50
How would you rate the facilitator's communication of instructions during the meeting?	4.62
How would you rate the facilitator's knowledge of test development during the meeting?	4.88
How would you rate the facilitator's communication style during the meeting?	4.62
How would you rate the facilitator's use of time/pacing during the meeting?	4.38
Statement (5 = Strongly Agree, 1 = Strongly Disagree)	Mean Response
I had a clear understanding of what I was asked to do prior to the meeting.	4.62
I had a clear understanding of what I was asked to do after the initial training.	4.50
I felt that the meeting was sufficiently productive given the goals of the meeting.	4.75
I am confident that the final blueprint and blueprint weights are reasonable for the test(s).	4.86
The format allowed the group to make the most efficient use of its time	4.50
The format was appropriate for the meeting tasks	4.50
The technology was appropriate for the meeting tasks	4.75
The technology was functional throughout the meeting	4.62
I was able to participate in the group discussions during the meeting	4.62

Table P.2. Exam Specification Meeting Evaluation

Statement (5 = Excellent, 1 = Poor)	Mean Response
How would you rate the facilitator's communication of the goals and purposes of the meeting?	4.75
How would you rate the facilitator's effectiveness in achieving the stated goals and purposes of the meeting?	4.67
How would you rate the facilitator's communication of instructions during the meeting?	4.67
How would you rate the facilitator's knowledge of test development during the meeting?	4.83
How would you rate the facilitator's communication style during the meeting?	4.67
How would you rate the facilitator's use of time/pacing during the meeting?	4.75
Statement (5 = Strongly Agree, 1 = Strongly Disagree)	Mean Response
I had a clear understanding of what I was asked to do after the initial training.	4.75
I felt that the meeting was sufficiently productive given the goals of the meeting.	4.83
I am confident that the final blueprint and blueprint weights are reasonable for the test(s).	4.92
The format allowed the group to make the most efficient use of its time	4.75
The format was appropriate for the meeting tasks	4.75
The technology was appropriate for the meeting tasks	4.92
The technology was functional throughout the meeting	4.75
I was able to participate in the group discussions during the meeting	4.92